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BRIGHAM YOUNG COLLEGE

BULLETIN

Vol. I JULY, 1902 No. 1

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BRIGHAM YOUNG COLLEGE
LOGAN, UTAH

PRESS OF J. P. SMITH, LOGAN.

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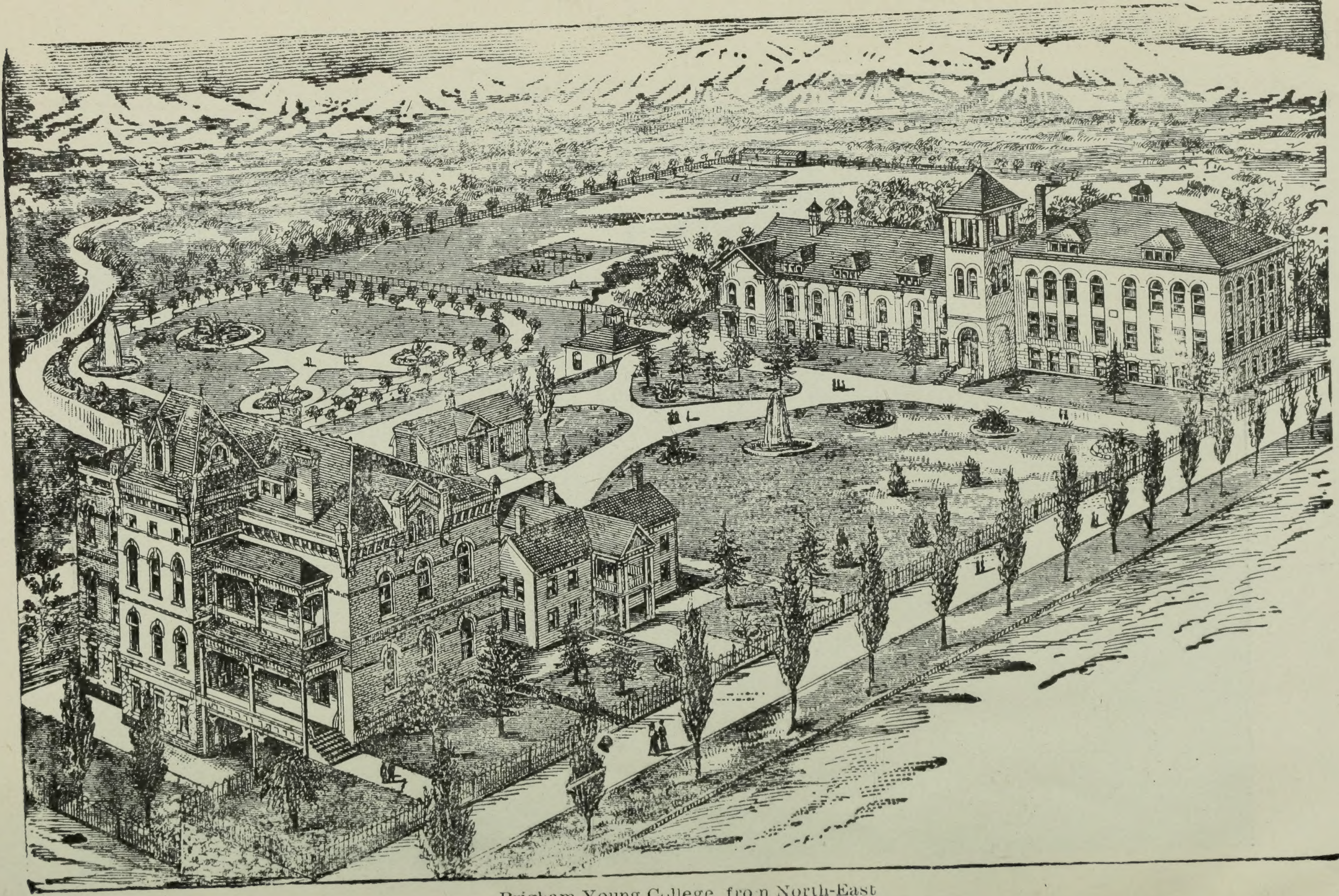
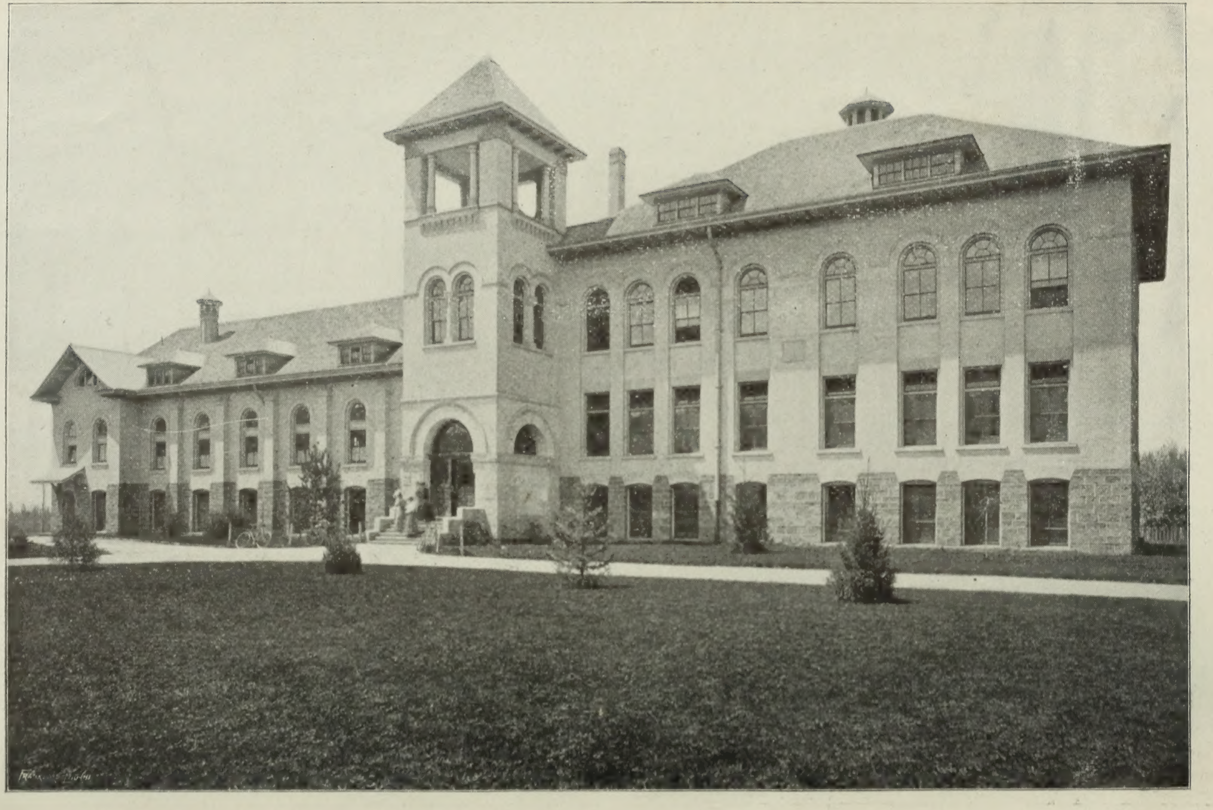
PRESIDENT BRIGHAM YOUNG.
Founder of the Brigham Young College.



Brigham Young College, from North-East



Brigham Young College—West Building.

CATALOGUE

OF THE

BRIGHAM YOUNG COLLEGE

FOR

1902-1903.

WITH LIST OF STUDENTS FOR 1901-1902.

"A GENERAL EDUCATION IS THE BIRTHRIGHT OF EVERY MAN AND WOMAN IN AMERICA."

LOGAN, UTAH.
PUBLISHED BY THE COLLEGE.
JUNE, 1902.

J. P. SMITH, PRINTER, LOGAN.

CALENDAR 1902-1903.

1902.

July.

S	M	T	W	T	F	S
...	...	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
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August.

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31	...	...	...	...	...	...

September.

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October.

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November.

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December.

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28	29	30	31	...	...	...
...	...	...	...	...	...	...

1903.

January.

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February.

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March.

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April.

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May.

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June.

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28	29	30	...	...	...	...
...	...	...	...	...	...	...

CALENDAR 1902-1903.

FIRST TERM.

September 18, 19, 20, Thursday, Friday, Saturday—Entrance examinations and registration of students.

September 22, Monday—Instruction begins.

November 27, 28, Thursday, Friday—Thanksgiving recess.

December 19, Friday—Christmas vacation.

1903.

January 5, Monday—Instruction begins.

February 6, Friday—First term ends.

SECOND TERM.

February 9, Monday—Second term begins.

June 4, Thursday—Class day.

June 5, Friday—Twenty-fourth Annual Commencement.

June 5, Friday evening—Alumni banquet.

June 8, Monday—Summer School opens.

July 10, Friday—Summer School closes.

130253

BOARD OF TRUSTEES.

Brigham Young	Salt Lake City, Utah.
William B. Preston	Salt Lake City, Utah.
William H. Lewis	Lewiston, Utah.
Joseph F. Smith	Salt Lake City, Utah.
Joseph Howell	Wellsville, Utah.
Marriner W. Merrill	Richmond, Utah.
Lyman R. Martineau	Logan, Utah.

OFFICERS OF THE BOARD.

Brigham Young	President.
Joseph F. Smith	Vice-President.
Herschel Bullen, Jr.	Secretary and Treasurer.

EXECUTIVE COMMITTEE.

William B. Preston, Chairman,
Joseph Howell,
Lyman R. Martineau.

GENERAL CHURCH BOARD OF EDUCATION.

Joseph F. Smith, Chairman,
Willard Young,
G. H. Brimhall,
Anthon H. Lund,
Rudger Clawson,
James Sharp,
Joseph M. Tanner,
John Nicholson,
John R. Winder,
Arthur Winters, Secretary.

COLLEGE COUNCIL.

James H. Linford, Chairman,

J. F. Miller,
Weston Vernon,
Mosiah Hall,
H. K. Merrill,
Herschel Bullen, Jr.,
W. H. Chamberlin,
A. J. Ridges, Jr.,
D. C. Jensen,

C. H. Skidmore, Secretary.

FACULTY AND INSTRUCTORS.

Arranged in Groups in the Order of Seniority of Appointment.

JAMES HENRY LINFORD, D. B., B. S.,

PRESIDENT.

Professor of Zoology and Botany.

Graduate of the Normal Department, of the University of Utah, 1890; Superintendent of Public Schools, Davis County, Utah, 1891, 1892; Professor of Zoology and Botany, Brigham Young College, 1892–1900; Student at Hopkins Seaside Laboratory of the Leland Stanford, Jr. University, summers of 1895, 1896; D. B., Church Board of Education, 1897; B. S., Brigham Young College, 1898; Student of the University of Chicago, summer of 1899; Member of International Association of Botanists, 1900-1902; Present position since 1900.

JACOB FRANKLIN MILLER, D. B., A. B.,

Professor of History and Political Science.

Student in the University of Utah, 1873-74, 1875-76, 1885; On mission to the Southern States,1883-1885; Superintendent of Public Schools, Davis County, 1889; Teacher of Advanced Department Davis Stake Academy, 1889-1891; D. B., Church Board of Education, 1896; A. B., Brigham Young College, 1902; Present position since 1892.

WESTON VERNON, B. Pd , D. B., A. M.,

Professor of English Language and Literature.

B. Pd.,Brigham Young Academy, 1894; A. B., University of Utah, 1895; D. B., Church Board of Education, 1897; Professor of Languages, Brigham Young College, 1896-98; High School Life Diploma, Utah State Board of Education, 1898; Student in University of Chicago, summers of 1898, 1901; M. A., Illinois Wesleyan University, 1902; Present position since 1898.

MOSIAH HALL, B. S., D. B., Ph. M.,

Professor of the Science and Art of Education.

Graduate of the Normal Course University of Utah, 1880; Student in the University of Utah, 1880-82; Teacher in the High School, Ogden, 1884–1888; Superintendent Weber County Schools, 1893-1898; Student University of Utah, summers of 1895–96–97; High School Life Diploma, State Board of Education, Utah, 1896; B. D., Church Board of Education, 1899; B. S., Brigham Young College, 1899; Ph. M., University of Chicago, 1901; Present position since 1898.

HEBER KIMBALL MERRILL,* B. Pd., A. B.,

Professor of Modern Languages.

Student of Brigham Young College, 1887-88; B. Pd., University of Utah, 1893; Teacher in Public Schools of Richmond, 1893-94; On a mission to Germany and Switzerland, 1894-97; Instructor in Languages Brigham Young College, 1897-1900; Assistant Professor of Theology, 1900-02; D. B., Church Board of Education, 1901; A. B., Brigham Young College, 1902; Present position, 1902.

HERSCHEL BULLEN, JR.,

REGISTRAR.

Assistant Professor of Bookkeeping and Commercial Law.

Graduate Normal Department, University of Utah, 1890; Teacher in Public Schools, Cache County, 1891-93; On mission to England, 1894-1896; Special student, Metropolitan Business College, Chicago, and Rochester Business Institute, Rochester, New York, summer 1901; President Board of Education, Logan City; Present position since 1897.

WILLIAM HENRY CHAMBERLIN, D. B., A. B.,

Assistant Professor of Mathematics and Astronomy.

A. B., University of Utah, 1896; D. B., Church Board of Education, 1896; Professor of Natural Sciences, Latter-day Saints College, 1891-1897; Mission to Tahiti, 1897-1900; Assistant Professor of Geology and Mineralogy, Brigham Young College, 1900-1902; Student in the University of Chicago, 1901-1902. Present position, 1902.

ALFRED JOSEPH RIDGES, JR., B. S.,

DIRECTOR OF GYMNASIUM.

Assistant Professor of Chemistry.

Graduate Utah State Normal School, 1893; Principal Public Schools 1893-97; Student University of Utah, 1897-99; Principal Heber City High School, 1899-1900; B. S., with the Advanced Normal Diploma, University of Utah, 1901: Present position since 1900.

DANIEL C. JENSEN, A. B.,

Assistant Professor of Geology and Mineralogy.

Student in Snow Academy, 1888-1890; Graduate of the Normal Department, University of Utah, 1892; Principal of Mt. Pleasant Schools, 1892-1898; Critic Teacher in the Training School, University of Utah, 1898-1899; Principal Brigham Young College Training School, 1899-1902; A. B. and Special Teacher's Diploma, Brigham Young College, 1902; Present position, 1902.

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*On leave of absence.

CHARLES HENRY SKIDMORE, B. L.,

Assistant Professor of Theology.

Graduate of the Brigham Young College Normal Department, 1893; On mission to England, 1896-1898; B. L., Brigham Young College, 1901; Student in the University of Chicago, 1901-1902; Present position, 1902,

ANDREW JENSEN,

Principal Normal Training-School.

Teacher in Public Schools of Sanpete and Emery Counties, 895-1897; Graduate of Snow Academy, 1898; President of Northern Indiana Conference, 1899-1900; Present position, 1902.

LULU CARPENTER,

Librarian.

Student in Hammond Hall; Student in Amherst College, summer of 1902; Present position, 1902.

CHARLES M. HARRIS,

Instructor in Violin; Ensemble Playing.

Student in Chicago Music College under Prof. S. E. Jacobssen, 1893; Student in the Stern Conservatory of Music, Berlin, and also private student under Immanuel Worth, 1894-97; Present position since 1898.

MATILDA PETERSON,

Critic Teacher and Instructor in Normal Training-School.

Student in Weber Stake Academy, 1888-90; Student in Colorado Springs Summer School, 1895; Student in University of Utah, summers 1896-97-98; Teacher in Weber County Schools, 1890-1898; Student in University of Chicago, summer 1902; Present position since 1899.

ALMA BROCKERMAN WRIGHT,*

Instructor in Art.

Instructor in art, L. D. S. College, 1898; Present position since 1899.

VIRGINIA ADELLE BUSH,

Instructor in English.

Graduate of the Normal Department, University of Utah, 1899; Student in the University of Utah, summers of 1894, 1900; Student in the University of Chicago, summer of 1901; Present position since 1900.

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*In Paris, on leave of absence.

EZRA LEWIS MARLER,

SECRETARY OF THE FACULTY.

Instructor in Bookkeeping.

Student in the Brigham Young College, 1898-1902; Instructor in Stenography, Brigham Young College, 1900-1902; Present position, 1902.

WILLIAM WILLIAMS HENDERSON,

Instructor in Zoology and Botany.

Student in Preston Academy, 1895-96; Graduate from the Normal Course Brigham Young College, 1900, and student, 1900-02; Assistant in Biology 1900-01; Present position since 1901.

MARY HOOPER LINFORD,

Instructor in Domestic Arts.

Practical Dressmaker, 1891, 1892; At Hopkins Seaside Laboratory Leland Stanford, Jr. University, summer of 1895; Student in the Brigham Young College, 1899-1900; Present position since 1901.

ALMEDA PERRY, B. S.,

Instructor in Elocution and Physical Culture.

B. S., Agricultural College of Utah, 1901; Student in the University of Chicago, summer of 1901; Present position since 1901.

GUSTAVE EDWIN ANDERSON,

Instructor in Stenography, Typewriting, Telegraphy, and Penmanship.

Student in the Agricultural College of Utah, 1897-98; Student in the Latter-day Saints Business College, 1899-1901; Present position since 1901.

ROY BULLEN,

Instructor in Mathematics.

Graduate from the Academic Department of the Brigham Young College, 1901; Present position since 1900.

JOHN HENRY KEMP,

Instructor in Athletics and in the Preparatory Department.

Graduate of the Normal Department of the Brigham Young College, 1900; Student of the College, 1900-1902; Present position since 1900.

MME. EVANGELINE GLARDON,

Student in St. Janier, Jura, for eight years, and later a student of Lausanne University; Instructor in High School and College Galliard; Private tutor to foreign University students; Present position, 1902.

WILLIAM OLIVER ROBINSON,

Instructor in Vocal Music.

Student under Professors Stevens, Goddard, and McClellan, 1901; Student in Conservatory of Music, Chicago, 1902; Present position, 1902.

ROSE HOMER, B. S.,

Instructor in Domestic Arts.

B. S., Agricultural College of Utah, 1900; Teacher in Public Schools, 1900–01; Instructor in Preston Academy, 1902; Present Position, 1902.

AMOS NEWLOVE MERRILL, B. S.,

Instructor in Mechanic Arts.

B. S., Agricultural College of Utah, 1897; Mission to England, 1897-99; Present position, 1902.

LOUISA WANGSGARD,

Critic Teacher and Instructor in Normal Training-School.

Student in Brigham Young College, 1898-1900; Teacher in Public Schools, Weber Co., 1900-02; Present position, 1902.

AVERY CLARK,

Instructor in Drawing.

Student Brigham Young College, 1899-1902; Present position, 1902.

ERNEST WILLIAM PEHRSON,

Assistant in Chemical Laboratory.

Graduate Academic Course, Brigham Young College, 1892; Present position, 1902.

PERSIS FARR,

Gymnasium Pianist.

Student in Brigham Young College, 1901-1902; Present position, 1901.

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Instructor in Organ and Piano.

THOMAS H. PORTER,

Engineer and Electrician.

I. B. HOLMAN,

Janitor and Custodian.

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*To elect.

STANDING COMMITTEES OF THE FACULTY.

The President is a member of all committees.

Scholarship and Graduation—J. F. Miller, W. H. Chamberlin, D. C. Jensen.

Examinations and Registration—Mosiah Hall, D. C. Jensen, H. Bullen, Jr.

Domestic Organization—W. H. Chamberlin, C. H. Skidmore, W. W. Henderson, Rose Homer, A. N. Merrill.

Athletics and Amusements—H. Bullen, Jr., A. J. Ridges, Jr., Almeda Perry, J. H. Kemp, Roy Bullen.

Library—J. F. Miller, Weston Vernon, Mosiah Hall.

College Publications. — Weston Vernon, Virginia A. Bush, C. H. Skidmore.

College Societies— A. J. Ridges, W. O. Robinson, G. E. Anderson.

BRIGHAM YOUNG COLLEGE.

GENERAL INFORMATION.

HISTORY.

On the 24th of July, 1877, about a month prior to his death, President Brigham Young conveyed to a Board of seven Trustees, 9,642 acres of land, located south of Logan City, the profits and issues of which were to be used for the support of an institution of learning to be known as the Brigham Young College. The deed of trust provides that the Gospel of Jesus Christ shall be the basis of College discipline, and that, in addition to the work usually provided for in the curricula of higher institutions, instruction shall be given the students in the important duties of their various church callings.

On August 7, 1877, the Board of Trustees held its first meeting, and began the work of organizing the College in accordance with the requirements of the deed of trust. Owing, however, to the immature condition of its finances. the College was not opened for the admission of students until September 9, 1878. Since that time it has experienced varying degrees of prosperity. The endowment could not be made to yield a revenue sufficient to bring the institution immediately to a high standard. The purchase and construction of suitable buildings and the provision of necessary apparatus entailed expenses which anticipated the rent of the land for several years, and thereby reduced the means for meeting the ordinary expenses of maintenance. It has progressed, however, by steady and healthy growth until the present time. Each year has marked an improvement in its facilities and an increase in its strength.

The College was first opened in rented rooms of the Logan City Hall, under the principalship of Miss Ida Ione Cook. In the fall of 1882, the College site was purchased. It comprised about seven acres, on which were several buildings that could be utilized for school purposes. Upon this site in 1883-84 was erected the East Building, which, in addition to class rooms, contained dormitories and other accommodations suitable for a boarding-school.

In July, 1884, Miss Cook resigned and was succeeded by Judge James Z. Stewart, who from 1881 to 1883 had been connected with the institution as an instructor. During his presidency the faculty was increased and the courses of instruction were extended. With his resignation, in the spring of 1888, the idea of making the College a boarding-school was abandoned.

In May, 1888, President Stewart was succeeded by Professor Joseph M. Tanner, during whose administration the faculty was further increased, a chemical and physical laboratory was equipped, and additional courses were offered.

In 1888 the church system of education was established by the Church of Jesus Christ of Latter-day Saints, and the Brigham Young College was placed under the general supervision of the Church Board of Education.

In May, 1891, upon the resignation of Dr. Tanner, Professor Joshua H. Paul became president. During the time of his presidency, the first story of the Laboratory Building was finished, thereby providing rooms for the chemical and physical laboratory, and the work of the Preparatory School. Additional instructors were employed and more advanced work was offered.

In September, 1892, an Academic Charter was received from the Church Board of Education, authorizing the College to offer courses through the high school grade, including Normal work, and to establish a Normal Training-School.

In May, 1894, President Paul resigned, and at a meeting held in June of that year, the Board of Trustees more fully organized the College and increased its courses of instruction. Professorships were established in English Language and Literature, French and German, Science and Art of Teaching, History and Political Science, Mathematics and Astronomy, Physics and Chemistry, and Biology. The entrance requirements were increased; the Academic and Normal courses were extended from two to three years, each leading to a certificate; and college courses were established in General Science and Letters, each extending through four years and leading to a degree. The Preparatory School was removed to the Laboratory Building, and the large room which it occupied was converted into a physical and biological laboratory. A large room was fitted up for a museum, the library was moved to one of the largest and most pleasant rooms in the East Building,and other changes were made which added greatly to the facilities of the institution for advanced work.

During the year 1894-95 the College was the recipient of large contributions to the library, including encyclopedias, dictionaries, and scientific. historical, philosophical, and statistical works, presented by the authorities of the Church, the College trustees and faculty, and other prominent citizens. The Mutual Improvement Associations of Cache County contributed a collection of about two hundred historical and miscellaneous works. In February,1895, the Trustees opened to the public, the Brigham Young College Free Library and Reading Room.

The prestige thus gained for the institution was such that its facilities soon proved inadequate. As the attendance increased it became necessary to provide additional accommodations, and in 1896 the basement story of the Laboratory Building was completed and fitted up for a chemical and mineralogical laboratory.

On August 12,1895, the General Church Board of Education amended the charter of the College, granting the right to confer baccalaureate degrees. In 1896 the Normal Course was extended to four years; and in 1898 the Academic Course, also, was extended to four years.

In April, 1897, the people of Cache County came to the aid of the Trustees and proposed to raise sufficient means by popular subscription for the erection of the new building. On May 3, 1897, the work of construction was begun, and on December 23, 1898, the building was dedicated.

In May, 1899, a professorship in Theology was established, and the course in Letters was changed to that of Arts. In June, 1899, the idea of continuing training in one of the public schools of Logan City was abandoned, and a Normal Training-School was established in the College. In the same month a tract of land comprising about fourteen acres, adjoining the original site on the south and west, was purchased, thereby providing ample room for an athletic field, an aquarium, horticultural gardens, and additional College buildings.

On September 11, 1899, the College was incorporated under the laws of the State of Utah. In April, 1900, additional Professorships and Assistant Professorships were established. A College council was organized, consisting of the President, Professors, and Assistant Professors when in charge of departments.

In May, 1900, President Kerr resigned; and in the following July, Professor James H. Linford was chosen as his successor. Later in this same year the Business and Preparatory courses were established, and early in the year following the College authorities decided to offer a course in Domestic Arts.

In the Spring of 1902, President Joseph Morrell donated $1000 toward equipping a laboratory of Mechanic Arts. This generous gift was gratefully accepted, and a four-year course in Mechanic Arts was at once established, thus carrying out the original intent of the founder, President Brigham Young.

GENERAL POLICY.

The special aim of the College is to make of its students sincere Latter-day Saints—men and women who will be useful not only in the missionary field, but also in the many home organizations for the education of the young. It seeks also to promote the higher educational interests of the people, broadly and generously interpreted. It is its aim to provide a liberal and thorough education, embracing not only mental discipline and physical training, but moral and spiritual culture as an essential part of the development of a symmetrical character.

In order to furnish the discipline and the knowledge necessary to the successful prosecution of advanced work, nearly all the studies of the regular courses in the earlier years are prescribed. But when the powers of the students are developed by the required work, the principle of election is introduced; and during the later years students are permitted to select the subjects in which they are most interested. Opportunity is thereby given for the encouragement of individual adaptation and for a more special preparation for the various vocations of life.

In addition to the prescribed theological work, students are expected to attend devotional exercises; and all who are not residents of Logan are expected to attend the College Sunday School.

The use of strong drinks and tobacco is forbidden.

A domestic committee assists the President in looking after the home life of the students.

LOCATION.

The College is situated in one of the most desirable parts of Logan City, the county seat of Cache County. The city is supplied with electric lights, and has connection by telephone with surrounding towns. It is beautifully located and remarkably healthful. Its streets are broad and well drained, and on each side of them is a clear stream of pure, mountain water, bordered with shade trees. With a population of about six thousand people, Logan combines the activity and good order of a small city, with the freedom and sociability of quiet village life—conditions highly favorable not only to study, but to social and general culture.

Residence in Logan offers many advantages to students. Every year there are opportunities to attend a large number of lectures of a high order. Logan is also a noted musical center. and excellent concerts are frequently given.

BUILDINGS AND GROUNDS.

The College occupies a campus of about twenty-three acres, situated near the center of the city, on the north fork of Logan River. The lower campus, a level area across the river from the College buildings, furnishes space for athletic sports, an aquarium, and horticultural gardens. The College buildings comprise the East Building, the West Building, the Laboratory Building, and the President's Residence. The East Building is constructed of brick and stone. It is seventy feet front by thirty-six feet deep, and four stories in height. This building contains the library and reading room, the general museum, and the Preparatory and Normal Training schools. The West Building is one hundred and eighty-eight feet long by eighty-six feet wide, and three stories in height. It contains the general assembly hall, with a seating capacity of about eight hundred; five offices; fifteen class rooms; the physical and biological laboratories; and the gymnasium, including bath and dressing rooms. The Laboratory Building is a substantial stone structure, fifty feet long by thirty-eight feet wide, and two stories in height. It contains the physiological, chemical, and mineralogical laboratories and recitation rooms. These buildings are well lighted and ventilated and are provided with steam heat, water, and electric lights.

The College grounds, being only one block west of Main Street, are in a central, yet quiet location, within easy reach from all parts of the city.

MUSEUM.

The College Museum occupies the large north room on the top floor of the East Building. Each year the Museum is enlarged by contributions from the friends of the College, including many missionaries who are laboring in different countries. The Museum is supplied with specimens illustrative of general geology, mineralogy,lithology, paleontology, metallurgy,botany,zoology,and archaeology. There are eight hundred specimens of native plants, four hundred specimens of the flora of New York state, and five hundred specimens of the flora of West Virginia, North Carolina, and Indiana; a large collection of Irish ferns and mosses; a collection of Tasmania ferns; one case of native woods and one case of specimens from the forests of Alabama and Tennessee; three large cases of Utah minerals and specimens illustrating the milling and smelting operations of Utah metallurgical establishments; one case of fossils, minerals, and curios; one case of coins and aboriginal relics; two large cases of shells, corals, aboriginal relics and specimens illustrative of life in the Sandwich and South Sea Islands, contributed by Mr. and Mrs. B. Morris Young; one case of birds and amphibians; one case of skeletons; and some miscellaneous materials.

Contributions of fossils, ores, animals, relics, and other material of value to the Museum, are solicited from all persons who are interested in the work. All collections sent in this way will be carefully labeled and preserved, and the name of the donor will be kept on record. Express or freight charges on such gifts will be paid by the College.

APPARATUS.

The College is equipped with apparatus for illustrating the courses in natural and physical science. Among the most important items are working models of the elementary and compound machines; apparatus for illustrating gravitation and falling bodies, and hydrostatics; specific gravity balances; scales; Boyle's Law apparatus; Wheatstone's bridge; standard motor; an Atwood machine with alluminum friction wheels and electric pendulum; lever apparatus; Paschal's vase; Ampere's apparatus; compasses; monometric flame apparatus; a sonometer; a baroscope; a barometer; thermometers; center of gravity illustrations; Nicholson's and Beaume's hydrometers; a lever air pump and accessories for illustrations in pneumatics, electric machines, galvanic batteries, an induction coil, conduction apparatus, Daniell's cell, a galvanometer, magnetoscope, resistance box, Geissler's tubes, etc.; Becker's analytical balance and weights; photographic camera and accessories; stereopticon; nine compound microscopes for use in biological work; chemicals, chemical glassware, and re-agents for experiments in general chemistry, and facilities for work in blowpipe and wet analysis, a furnace and accessories for the study of assaying; sterilizers, incubators, and other apparatus for bacteriological work.

For work in surveying there is an engineer's transit with solar attachment, leveling rods, chains, and all accessories.

LIBRARY AND READING ROOM.

The Library occupies the north room on the second floor of the East Building. This room is furnished with reading-slopes for current papers and magazines, and with reading-tables sufficient to accommodate one hundred and twenty readers. It is well lighted and ventilated, is supplied with steam heat and electric lights, and during the school year, is open to the public as a reading room. It is supplied with the current periodicals of Utah, and with the most important newspapers and magazines of the United States. The principal dictionaries and encyclopedias, including the Encyclopædia Britannica, Chamber's Encyclopædia, American Encyclopædia, Century Dictionary, and other works of reference, occupy shelves in the Reading Room, within easy access of the readers.

The Library at present contains 3,200 bound volumes and 970 pamphlets, and additions are made from time to time to meet the requirements of students in the several departments. Prof. J. F. Miller's valuable collection on history and political science is placed in the College, and students also have the use of the President's private library.

The Books are arranged according to subjects by the "Dewey Decimal" system of classification, and an alphabetic index referring in detail to each volume by author, title, and subject, is prepared on cards giving the classification number, book number, and other references which enable those using the Library to exhaust its resources on any subject under investigation. The plan of classification is such that when the books are placed on the shelves in the numerical order of their class numbers, each book stands in its logical place with reference to related subjects, and will not be disturbed by any future accessions to the Library.

COLLEGE SOCIETIES.

In order to afford opportunity for acquiring general information and obtaining practice in public speaking and parliamentary procedure, the students of the College maintain the Webster, Phi Polo, Usona, and Philomathic Societies. Of these the Webster and Phi Polo are conducted exclusively by men, and the Usona by women, while the Philomathic is open to all students of the College.

Under arrangements made by a committee of the faculty, a series of popular lectures is given by the best speakers that can be secured.

SUNDAY SCHOOL.

The College Sunday School has been organized to meet the needs of students who do not live in Logan. Classes in methods of teaching in the Kindergarten, Primary, Intermediate, and Theological departments are organized.

STUDENTS' EXPENSES.

Tuition is free. All students except missionaries pay an annual entrance fee of $10, and all pay an annual library and gymnasium fee of $1. Alumni are permitted to do special work upon payment of such proportion of the entrance fee as the number of hours taken is to a year's requirements in the Arts Course. Others who desire to take a single subject will be permitted to do so on payment of $5 in addition to the library and gymnasium fee. Persons not registered as regular students in the College will be charged $1 a month for the privilege of taking physical culture. Under no circumstances will any part of these fees be refunded.

Students taking laboratory work in chemistry, physics, or biology will be charged an incidental fee to cover the cost of materials used. The amount of this fee is announced with the description of courses and must be paid in advance. No student will be permitted to do work in the laboratories before presenting treasurer's receipts to instructor in charge. Arrangements for elective work in music and art are made with the instructors in those departments.

The fee charged for a special certificate is $3; for a certificate of graduation in the high school courses, $5; for a degree, $10. These fees must in all cases be paid before the certificates or degrees are conferred. All the students of the College are held responsible for any injury done by them to its property.

The cost of living in Logan is much lower than in the larger cities of the State. Good rooms and board, in private houses, can be obtained at from $2.50 to $3.50 per week. By renting rooms and boarding themselves, students are able to reduce their expenses to less than $2 a week for room and board. Rooms can be rented at from $1 to $2.50 a month.

ADMISSION AND GRADUATION.

COURSE IN ARTS.

The following is a condensed statement of requirements for admission to the College Course. More specific information can be had by referring to the description of courses.

REQUIRED SUBJECTS:

Algebra I,
Plane Geometry,
Grammar and Classics,
Rhetoric I,
English Literature,
American History,
Civil Government,
Two years of Language,

ELECTIVES:

Theology, 1, 2, 3, 4.
Solid Geometry,
Algebra, II, III,
Trigonometry,
Elementary Astronomy,
Botany, 4,
Chemistry, 1,
General History, 3,
Geology, 2,
Mineralogy, 7,
Physics 1,
Physiology, 1,
Physiography, 1,
Zoology, 1,
Commerce and Transportation,
Commercial Law,
Agriculture,
Animal Husbandry,
Horticulture,
Entomology,
Plant and Animal Parasites,
Education, I,
History of the Orient and Greece,
Roman History,
European History,
Greek,
Latin,
German,
French,
Child Study.

Students preparing to enter the Course in Arts will elect 52 hours from the subjects named in this group.

HIGH SCHOOL COURSES:

Graduates of the State District Schools and those who have completed the Preparatory Course of the College are admitted without examination to the High School Courses. Other applicants for admission to these courses must pass a satisfactory examination in the following subjects:

English—The examination in grammar is based on Reed and Kellogg's *Higher Lessons in English*. Simple exercises in composition will be included, requiring a knowlledge of the structure and arrangement of sentences and paragraphs, the use of capitals, and the simpler principles of punctuation.

The applicant should be able to read intelligently any selection in the *Franklin Fifth Reader*, and to spell the words in the *Modern Spelling Book*.

United States History.—Thomas' or Ellis' *United States History*, or an equivalent.

Geography.—Frye's *Complete Geography*. More importance will be attached to a knowledge of countries and people than to a knowledge of obscure points of topography. The geography of the United States, and particularly of Utah, should be known in considerable detail.

Arithmetic.—Fundamental principles; decimal and common fractions; denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight, United States money: measurements; and the simpler cases of percentage. South worth's *Essentials of Arithmetic. Book II.*

Penmanship.—The examination in penmanship is based on Michael's System of Rapid Writing, or on any of the Vertical Round Hand Systems. The applicant will be tested as to position, legibility, and rapidity of movement.

MISSIONARY COURSE.

Missionaries presenting certificates of appointment are admitted to this course without examination. Others may be admitted provided they show their ability to do the work outlined, and obtain permission from the College authorities.

SPECIAL AND OPTIONAL STUDENTS.

Persons of mature years, who, for reasons satisfactory to the Council, desire to pursue work in some particular department, may be admitted, provided they give evidence of ability to do creditably the work desired. Those who are allowed to enter under this provision are listed as *special* students. A student, who wishes to do work in more than one department, may, when circumstances justify it, depart from the prescribed work of any regular course; but if the major part of his work does not comply with the requirements of any year of any course he will be listed as *optional.* Special and optional students will not be graduated from any course until they have complied with all requirements for gradnation from that course.

REGISTRATION.

Students in all courses register at the beginning of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the Council. No changes in registration will be allowed except by permission of the Faculty.

In the College Course, students will not be allowed to register for more than seventeen hours of recitations or lectures a week without special permission of the Council; and no student who has failed or is conditioned in any subject in the term immediately preceding, will be allowed to register for more than fourteen hours, except by permission of the Council. Every hour for which credit is given represents approximately, for the average student, three hours and a half of actual work a week through one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours and a half for preparation or subsequent reading and study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week through one term are required for each hour that counts toward graduation.

In the High School courses, more time is given to class drill and correspondingly less time is required for preparation. See "Courses of Study."

CLASSIFICATION.

Students in the High School courses are classed according to the year in which the major part of the work is taken, except in cases where there is work of the second preceding year which has not been completed. For example, no student will be allowed to register in the Junior year, if conditioned in any subject of the Freshman year; or in the Senior year, if conditioned in Sophomore work.

GRADUATION.

Students who complete the four-year High School courses receive certificates of graduation. Those who complete the Domestic or the Short Business Course receive special certificates. Those who complete the Preparatory Course or the work of the Normal Training-School, receive grammar grade certificates.

The degree of Bachelor of Arts is conferred after the completion of the College Course. This course extends through four years, and no student will be recommended for a degree until he has completed work which, including all the required work of his course, shall amount to fifteen hours of recitation or lectures a week during the four years, or a total of one hundred and twenty hours. No one will be graduated from this course who has not completed twenty-four hours of theological work, nor will any one be graduated who has not been a resident student of the College for at least one year.

The standing of Students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D;* and in order to graduate from any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

A special Teacher's Diploma is given to a student at the time of receiving his Bachelor's degree, provided he has completed all the courses in Science and Art of Teaching, and courses 1, 2, and 3 in Philosophy.

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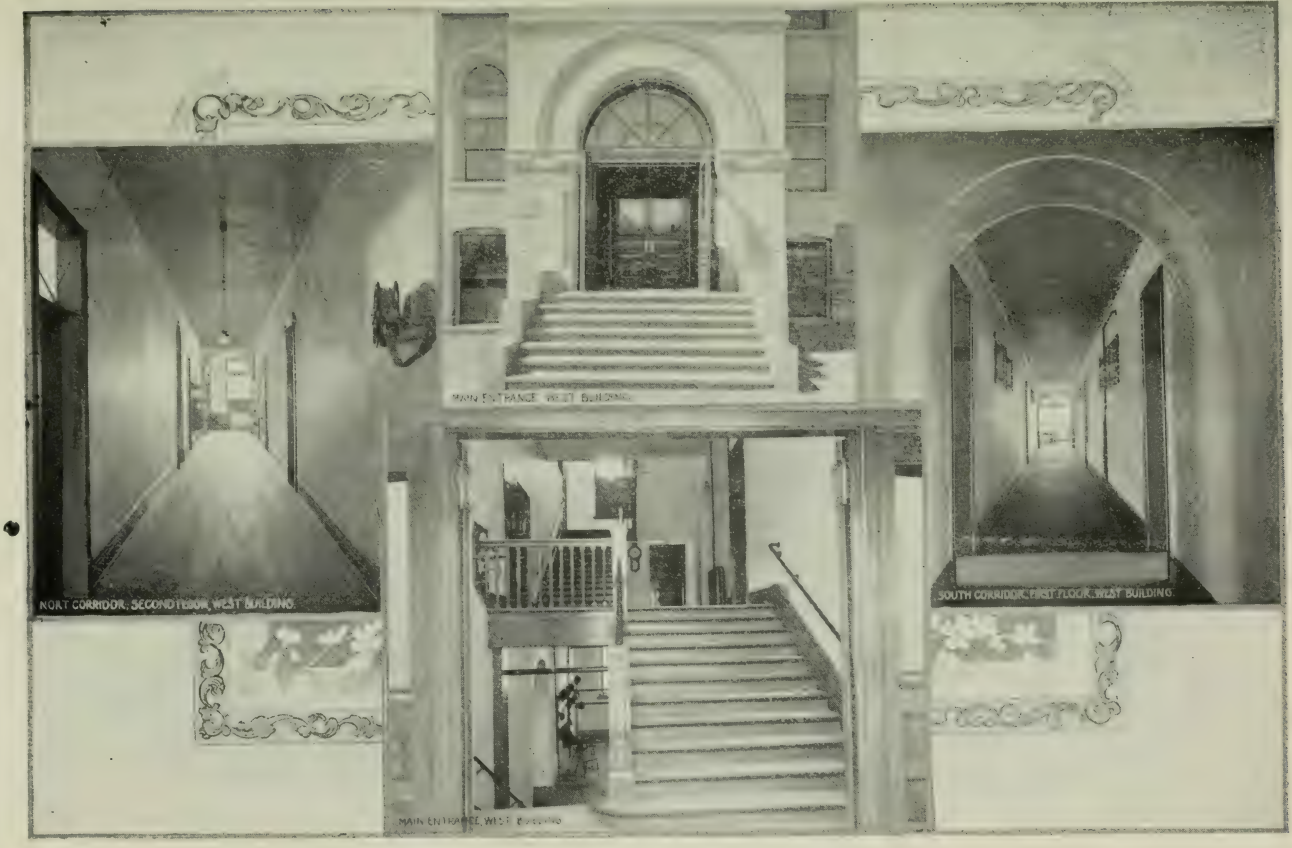
*90 to 100, A; 80 to 89. B; 70 to 79, C; 60 to 69, D; 46 to 59, E (condition): below 46, F (failure).


NORT CORRIDOR, SECOND FLOOR, WEST BUILDING
MAIN ENTRANCE, WEST BUILDING
MAIN ENTRANCE, WEST BUILDING
SOUTH CORRIDOR, FIRST FLOOR, WEST BUILDING

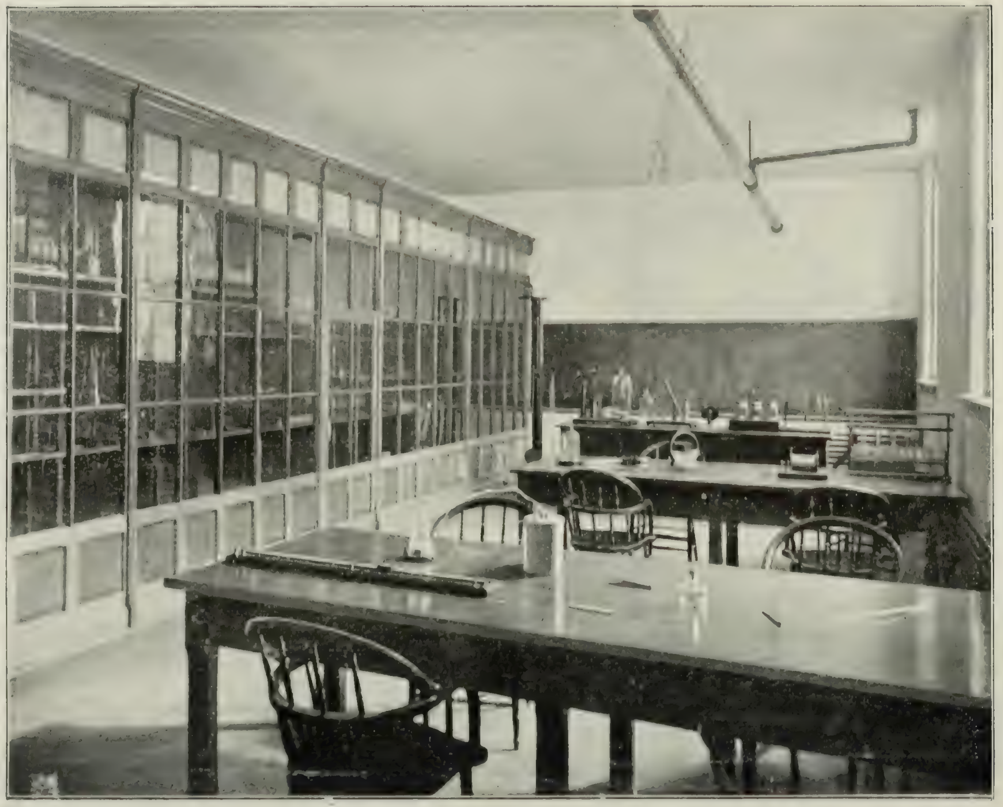
Brigham Young College- -Entrance and Halls.

Brigham Young College—Assembly Room, Looking from the Platform, West Building.

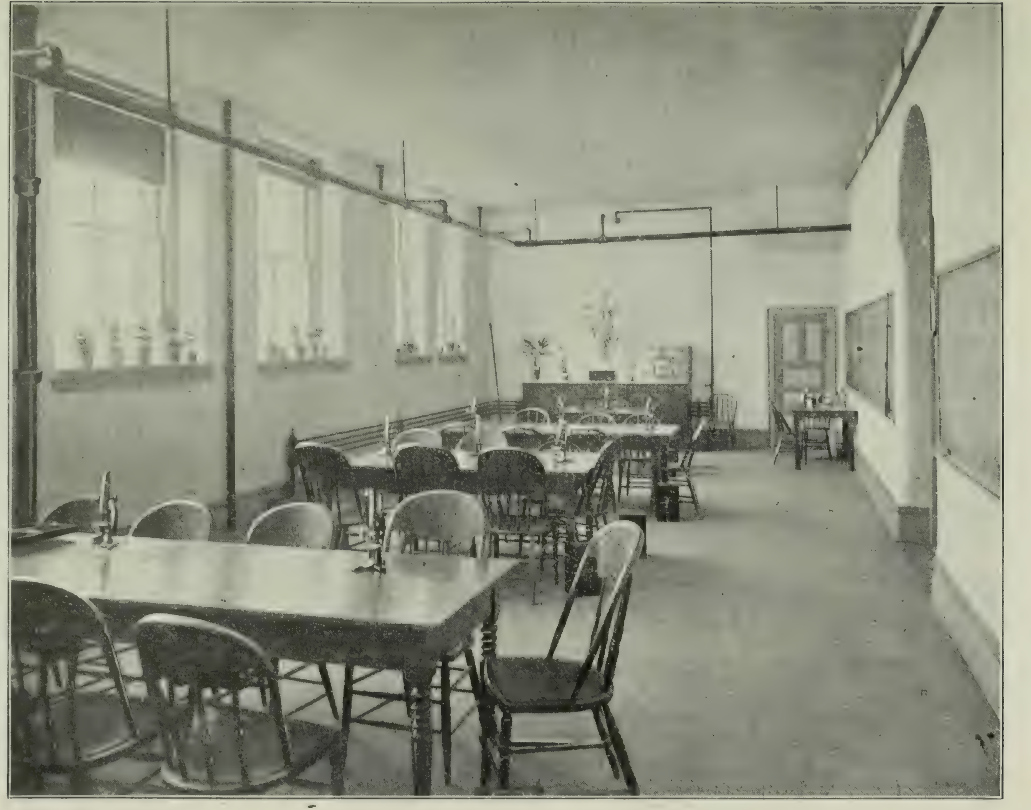
Brigham Young College—Assembly Room, Looking towards the Platform, West Building.

Brigham Young College Gymnasium, West Building.

Brigham Young College—View in Gymnasium. West Building.



Brigham Young College—Physical Laboratory, West Building.



Brigham Young College—Biological Laboratory, West Building.

Brigham Young College Class Room. Languages. West Building

Brigham Young College—Class Room. Biology. West Building.

Brigham Young College Class Room, Theology, West Building.

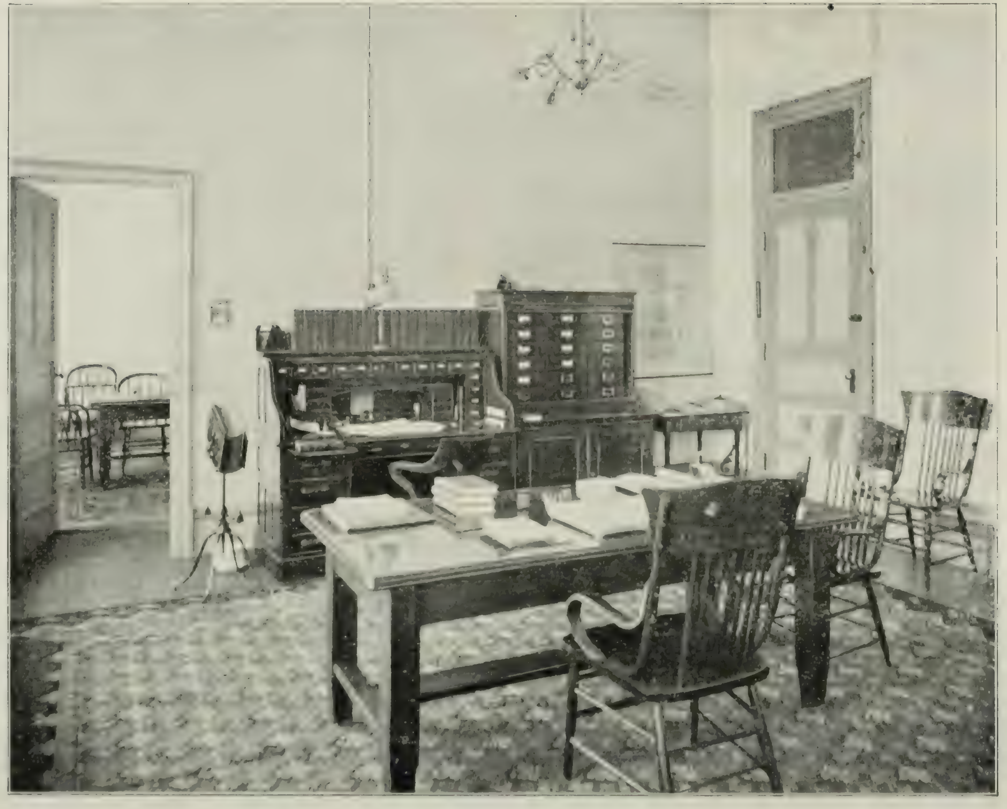
Brigham Young College—Class Room, Physics and Mathematics, West Building.

Brigham Young College Class Room, History and Civics, West Building.

Brigham Young College—Class Room, Science and Art of Education, West Building.

Brigham Young College—Office of Registrar and Secretary, West Building.

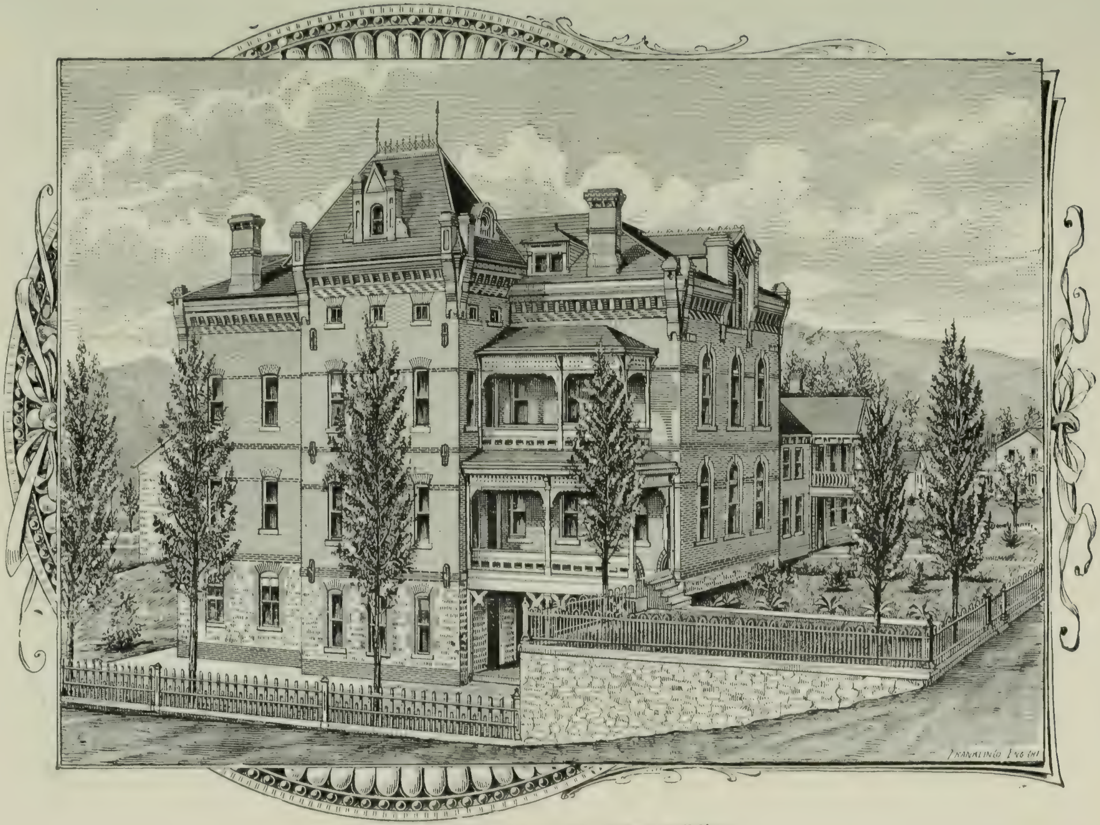
Brigham Young College—Music Room, West Building.



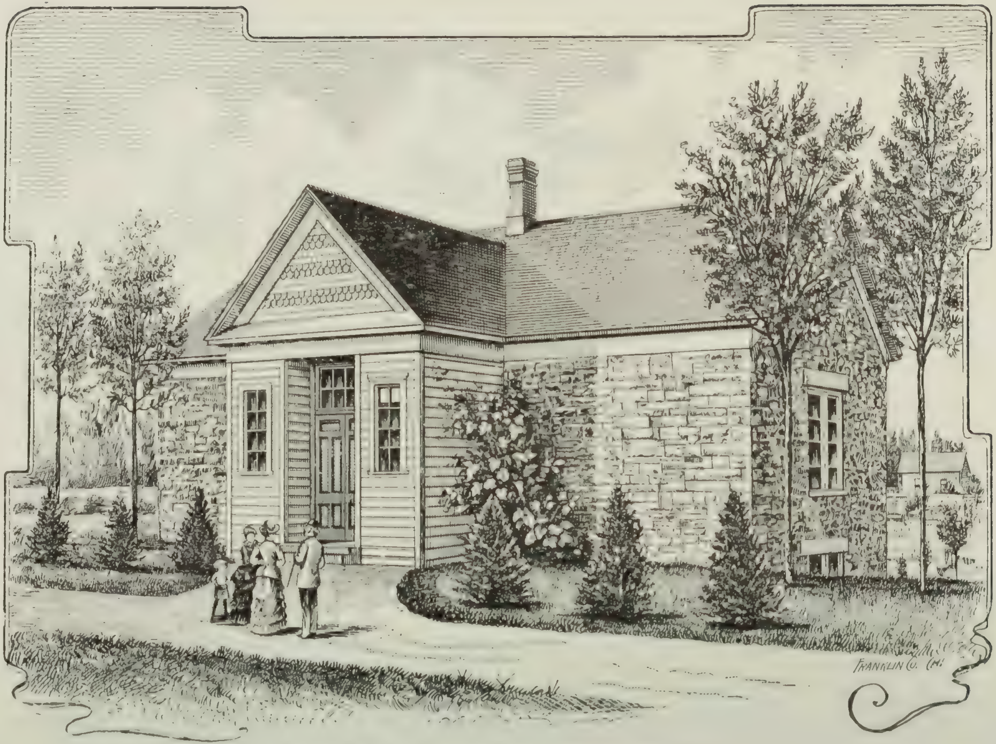
Brigham Young College—President's Office, West Building.

Brigham Young College -Business Room.

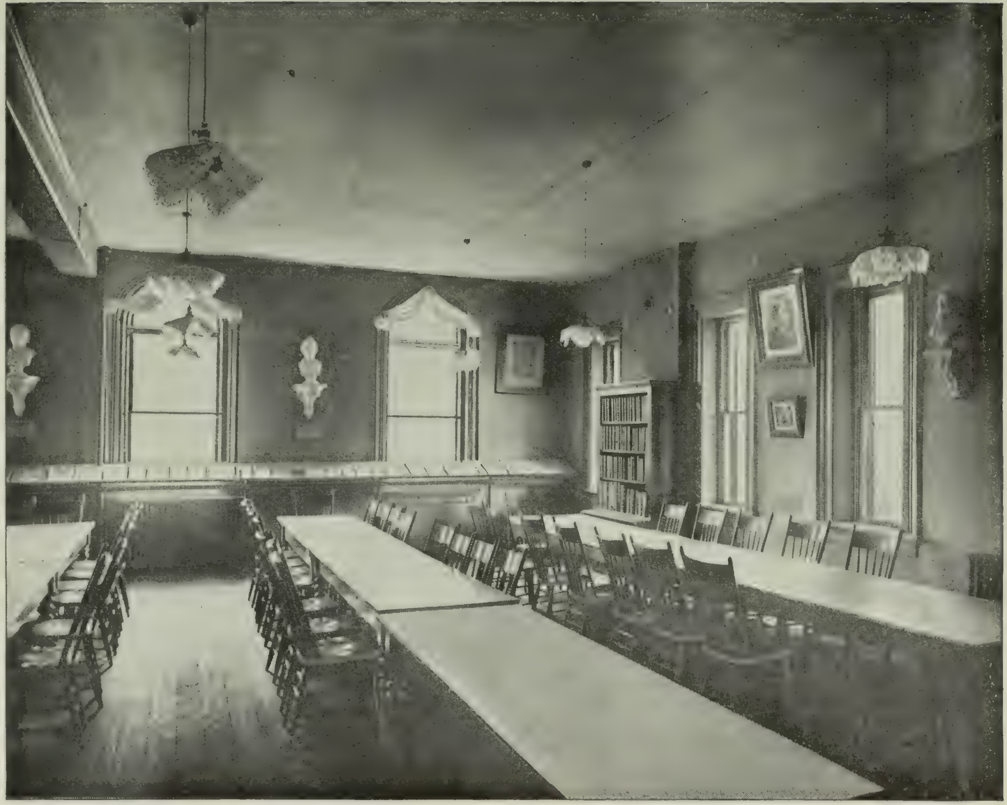
Brigham Young College—Sewing Room.



Brigham Young College—East Building.


FRANKLIN CO. CHI.

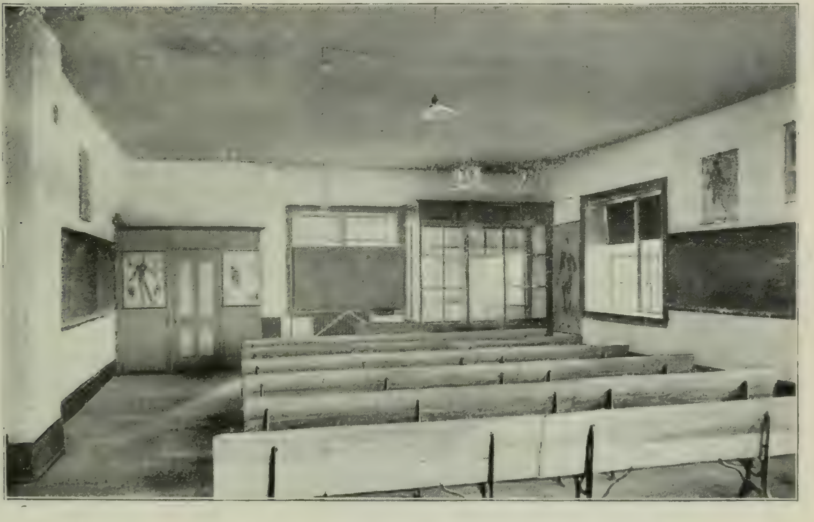
Brigham Young College—Laboratory Building.



Brigham Young College—Reading Room.

Brigham Young College—Corner in Library and Reading Room.

Brigham Young College Chemical Laboratory, Laboratory Building.



Brigham Young College Lecture Room, Physiology, Laboratory Building.

Brigham Young College—View in Museum

Brigham Young College—View in Museum.

COURSES OF STUDY.

The following courses of study are offered by the College:

1. Course in Arts, four years.
2. Classical Course, four years.
3. Scientific Course, four years.
4. Normal Course, four years.
5. Business Course, four years.
6. Industrial Course, four years.
7. Mechanic Arts, four years.
8. Domestic Course, four years.
9. Short Business Course, two years.
10. Short Domestic Course, two years.
11. Missionary Course, one year.
12. Preparatory Course, one year.

The *Course in Arts* corresponds to the usual course of the leading American colleges and universities, and leads to the baccalaureate degree A. B. This course is designed to furnish a liberal and thorough education, embracing the broad field of general science, mathematics, history, language, and literature. Most of the work of this course is elective, and students are encouraged to pursue the lines in which they manifest greatest aptitude.

The *Classical Course* is offered for those who desire a culture training. The person who receives a thorough education in Latin, Greek, and mathematics, along with the usually related subjects, has in many respects, a decided advantage in life over the one not having had such training. This course is adapted for those who expect to do advanced work along the lines of English and other modern languages, history, anthropology, sociology, law, medicine, etc; at the same time, however, the work is so planned as to give an excellent preparation for life to those who do not continue their studies beyond this course.

The *Science Course* aims to emphasize the natural sciences by requiring one or more in each of the four years of the outlined work. The purpose of this arrangement is to familiarize the student with nature and some of her manifestations and to give such a training in scientific methods of thought and investigation as will introduce him to the great problems of the age. This course also gives an excellent preparation for college and university courses in English and other modern languages, natural science, mathematics, history, etc., and is especially suited as a preparation for courses in engineering.

The principal aim in the *Normal Course* is to qualify students for the profession of teaching. The regular normal work is so combined with moral and religious instruction, and with literary, historical, mathematical, and scientific subjects as to insure most efficient preparation for teachers, and a practical, harmonious education for persons who may not desire to teach. There is a great demand for well qualified teachers, principals, and superintendents. As artists, lawyers, engineers, physicians, must attend their professional schools or colleges before entering successfully upon the work of their respective professions, so the modern progressive teacher must receive a thorough and extensive course in a well-equipped Normal School before being able to direct successfully and wisely the work of the school-room.

Beginning with the third year, the professional work of the Normal Course extends through two years, and includes thorough courses in the principles and practice of teaching, school organization and school management, the fundamental laws of mind development with reference to their application in teaching, and the history and philosophy of education.

In connection with this course, a *Normal Training-School* is maintained by the College. In this school each grade is in charge of an experienced critic teacher, chosen with special reference to his fitness for the work of his grade. Here the Normal students have an opportunity to observe the regular work, and later to teach in each grade, thereby putting into practice the principles of instruction given in the class room. Their teaching is observed daily by critic teachers and normal instructors, who assist the students in the preparation of their work and offer directions and criticisms. The time thus devoted to teaching under the supervision of specialists is ordinarily worth more to teachers than years of unaided experience. In the fourth year of this course, a review of one hour a week is prescribed in grammar and arithmetic to insure a high standard of excellence in these subjects.

The *Business Course* is designed to prepare students for commercial business pursuits, and furnishes the necessary technical training in penmanship, bookkeeping, stenography, typewriting, commercial arithmetic, commercial law, political economy, civil government, and the other branches usually offered in a business course. At the same time the fact is emphasized that a business education is not merely the imparting of such knowledge as is necessary to make bookkeepers, stenographers, and clerks, but that it comprehends a broader field, including instruction in such other subjects as are requisite to a good general education. Its completion gives a foundation upon which future success in any line of business may be reared.

The *Industrial Course* offers excellent opportunities to those who do not expect to continue their education beyond the High School and who wish to receive some practical instruction to accompany the usual theoretical subjects of such a course. Work in agriculture, horticulture, animal husbandry and manual training, has been provided to fit young men for the farm, the garden, the orchard, the shop; and work in domestic arts to prepare young women for the home. The course is especially arranged to meet the growing demand for practical work along industrial lines.

The *Mechanic Arts Course* offers an opportunity for a thorough training in the use of wood-working tools and machinery and also for such a general acquaintance with the principles of carpentry as will fit the student for practical work. Four years of instruction are given. During the first year the student spends his time with hand tools; later, thorough instruction is given in the use of the principal forms of wood-working machinery. Accuracy and neatness will be insisted upon and all work done will be according to a previously prepared plan, the object being not only to teach the carpenter's trade, but to discipline and train the eye and the hand as well as the mind, and thus by associating manual and mental training, to educate thoroughly the student for the duties of life, whatever may be his chosen profession. The Laboratory is provided with the necessary tools and machinery.

The *Domestic Courses* are offered in order that young women may have the opportunity of obtaining a good training, not only in the distinctive subjects of a domestic course but also in English, in mathematics, in history and civics, and in the natural sciences. They thus receive the culture that comes from pursuing systematic courses of instruction while preparing themselves for the highest of all duties—those of the home. It is designed that the course shall be not only theoretical but also practical, the instruction being adapted to the conditions and needs of the great majority of homes.

The *Short Business Course* is given for the accomodation of those who are unable to take the longer course. It furnishes the necessary technical training to qualify students for positions as accountants and stenographers, and is equal to the regular business course offered by commercial schools.

The *Missionary Course* is especially arranged to meet the needs of those who have been called by the Presidency of the Church to prepare for immediate missionary service. The aim in this course is to do all that is possible in the time spent toward preparing students for active work in the ministry.

The *Preparatory Course* is outlined for young men and young women who, through force of circumstances, have been prevented from preparing themselves for entering the High School until they have arrived at such an age that it would be a serious waste of time to work in the grades of the public schools. In addition to the subjects usually required for entrance to the high school, the young men are allowed to elect work in agriculture or in carpentry, and the young women are allowed to enter one of the courses in domestic arts.

COURSE IN ARTS.

LEADING TO A DEGREE.

To be graduated from this course, a student must obtain one hundred and twenty hours of credit. Thirty-two hours of language work, including that offered at entrance, are required, no credit for a language being allowed unless two years of work in that language have been completed. In addition to this work in language, Rhetoric II and Mathematics 2 are prescribed. The rest of the work is elective, subject to the approval of the Council.

ACADEMIC COURSE.

Students who entered upon this course before 1902 will be allowed to continue it until their graduation, provided they complete their work by June, 1905. After that date the course will be entirely withdrawn.

CLASSICAL COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Latin	4		4
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ*	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Hist. of Orient & Greece	5	History of Rome	5
Latin	4		4
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
European History	2		2
Latin	4		4
Greek	4		4
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church Hist. & Doctrine	3		3
Rhetoric II	2		2
Algebra III	3	Trigonometry	3
American History	3		3
Physics	4		4
Greek	4		4
	19		19

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*In 1902-03 Second year students will take Book of Mormon I, Section 5.

SCIENCE COURSE.

FIRST YEAR.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
French, Germ., or Latin	4		4
	20		20

SECOND YEAR.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Zoology	5	Botany	5
French, Germ., or Latin	4		4
	20		20

THIRD YEAR.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Physiology I	2		2
Physics	4		4
French, Germ., or Latin	4		4
	20		20

FOURTH YEAR	First Term.	Second Term.	
Church Hist. & Doctrine	3		3
Rhetoric II	2		2
Algebra III	3	Trigonometry	3
American History	3		3
Chemistry	5	Geology	5
French, Germ., or Latin	4		4
	20		20

NORMAL COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Vocal Music, Elocution*	4		4
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing	2		2
Zoology†	5	Botany†	5
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Psychology	3		3
Theory of Teaching	2		2
American History	3		3
Civil Government	2		2
Physics	4		4
	20		20

FOURTH YEAR.	First Term.		Second Term.
Church Hist. & Doctrine	3		3
Rhetoric II	2		2
Training	4		4
Pedagogy	4	Hist. of Ed. and Review	4
European History	2		2
Chemistry	5	Geology	5
	20		20

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*Or elect from Manual Training, Household Economics, Agriculture.

†Or elect from Animal Husbandry, Horticulture, and Domestic Arts a, c, g.

BUSINESS COURSE.

FIRRT YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Commercial Arithmetic	5		5
Physiography	3		3
Penmanship	2		2
Business Corresp'd'nce*	2		2
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Bookkeeping	3		3
Stenography†	5		5
Language†	4		4
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Bookkeeping & Banking	4		4
American History	3		3
Typewriting ‡	5		5
European History ‡	2		2
	20		20

FOURTH YEAR.	First Term.		Second Term.
Church Hist. & Doctrine	3		3
Rhetoric II	2		2
Commercial Law	3		3
Political Economy	3		3
Com. & Transportation	3		3
Civil Government	2		2
European History§	2		2
Telegraphy§	2		2
	20		20

Or elect one of the following: Elocution, Household Economics, Vocal Music.

† Or elect from History a and b, Algebra, Cooking, Agriculture, Carpentry.

‡ Or elect seven hours from the following: Geometry, Stenography, Mechanic Arts, Mechanical Drawing, Dressmaking, Language.

§ Or elect Physics or a Language.

INDUSTRIAL COURSE.

FIRST YEAR.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra, I	5		5
Physiography	3		3
Agriculture*	4		4
	20		20

SECOND YEAR.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric, I	5		5
Geometry	3		3
Physiology I	2		2
Mechanical Drawing	2		2
Animal Husbandry, or Domestic Arts, g	5	Horticulture or Domestic Arts, g	5
	20		20

THIRD YEAR.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
American History	3		3
Civil Government	2		2
Physics	4	Agricultural Physics	4
Domestic Arts or Practical Entomology	4	Domestic Arts or Plant and Animal Parasites	4
	19		19

FOURTH YEAR.	First Term.	Second Term.	
Church Hist. & Doctrine	3		3
Economics	3		3
Chemistry	5	Soils and Fertilizers	5
Dressmk'g or Shop Work	4		4
Commercial Law	3		3
Elective	2		2
	20		20

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*Or elect four hours from the following: Household Economics, Vocal Music. Elocution.

MECHANIC ARTS COURSE.

FIRST YEAR.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra I	5	5
Physiography	3	3
Carpentry I	4	4
	20	20

SECOND YEAR.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric I	5	5
Geometry	3	3
Physiology I	2	2
Mechanical Drawing	2	2
Carpentry II	5	5
	20	20

THIRD YEAR.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Physics	4	4
Carpentry III	5	5
American History*	3	3
Civil Goverment*	2	2
	20	20

FOURTH YEAR.	First Term.	Second Term.
Church Hist. & Doctrine	3	3
Rhetoric II	2	2
European History	2	2
Commercial Law	3	3
Chemistry	5	Geology 5
Carpentry	5	5
	20	20

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* Or elect History a and b.

DOMESTIC COURSE.

FIRST YEAR.	First Term.		Second Term.	
	Book of Mormon	3		3
	Grammar and Classics	5		5
	Algebra or Com. Arith.	5		5
	Household Economics	2	Laundering (⅓ yr.)	2
	Plain Sewing	3	Cutting & Fitting	3
	Vocal Music or Elocution	2		2
		20		20

SECOND YEAR.	First Term.		Second Term.	
	Life of Christ	3		3
	Rhetoric I	5		5
	Dressmaking	5		5
	Cooking I	5		5
	Drawing or Physiology	2		2
		20		20

THIRD YEAR.	First Term.		Second Term.	
	Old Testament	3		3
	English Literature	3		3
	Fruit Work, Cooking II*	3		3
	Art Needle-work	4		4
	Chemistry	5	Botany	5
	Child Study	2		2
		20		20

FOURTH YEAR.	First Term.		Second Term.	
	Church Hist. & Doctrine	3		3
	Rhetoric II	2		2
	Art of Nursing	4	Chemistry of Foods	4
	Hygiene & Sanitation	4	Cooking III	4
	Invalid Cooking	3	Science of Nutrition	4
	American History	3		3
		20		20

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*Fruit Work one third of year, Cooking two-thirds.

SHORT BUSINESS COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Commercial Arithmetic	5		5
Physiography	3		3
Penmanship	2		2
Business Corresp'd'nce*	2		2
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Stenography †	5		5
Typewriting †	2		2
Bookkeeping	3		3
Commercial Law	3		3
	21		21

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* Or elect one of the following: Elocution, Household Economics, Vocal Music.

† Or elect six hours from the following; Algebra, Child Study, Agriculture. Carpentry, Drawing.

SHORT DOMESTIC COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra or Com. Arith.	5		5
Household Economics	2		2
Plain Sewing	3	Cutting & Fitting	3
Vocal Music or Elocution	2		2
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5	Botany	5
Plain Cooking	5		5
Dressmaking	5		5
Child Study or Physiol'y	2		2
	20		20

PREPARATORY COURSE.*

	First Term.	Second Term.
Bible Readings	3	3
English	5	5
Arithmetic	5	5
Geography	3	3
U. S. History	2	2
Elective †	4	4
	22	22

MISSIONARY COURSE. *

	First Term.		Second Term.
Church History	5	Mod. Rev. and Bk. of Mor.	5
Principles of the Gospel	5		5
Scripture Readings	3		3
English ‡	5		5
Singing	2		2
	20		20

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* For further information regarding these courses consult index.

† From the following: Penmanship, Cutting and Fitting, Agriculture, Carpentry, Household Economics.

‡ Or a foreign language.

COURSES OF INSTRUCTION.

Only numbered courses not offered at entrance may count toward graduation in the Arts Course.

Any of the elective courses not desired at the beginning of the term by at least three students, properly prepared, may not be given.

The more advanced elective courses are not all given each year, but vary from year to year to suit the convenience of students; they are so arranged that a student may receive continued and systematic work until all the subjects announced are completed.

THEOLOGY.

ASSISTANT PROFESSOR SKIDMORE.

In connection with the work outlined in the following courses, provision is made for general and special instructions on theological lines. Devotional exercises, consisting of singing, prayer, and short talks, are conducted daily. At special meetings of the male students, appropriate instructions are given on the functions of the various offices and callings in the Priesthood.

It is the aim in this department to give the students a thorough knowledge of the subjects offered, to develop faith in the practice of Gospel principles, and to prepare for efficient work in the ministry and in the different organizations of the Church.

a. **Book of Mormon I**; required of all first year students; three hours a week throughout the year. A course of lectures is given on the divine authenticity of the *Book of Mormon*. A treatment of the history of the Nephites and Jaredites is included, together with a study of the doctrinal elements of the book. Based on the *Book of Mormon* as a text, with references to *The Story of the Book of Mormon* and *Book of Mormon Dictionary* by Reynolds, and to various works on prehistoric America. Five sections. Professors Chamberlin, Hall, Ridges, Jensen, Instructor Perry.

b. **Life of Christ**;* required of all second year students; three hours a week during the first term. This course is introduced by a series of lectures on Messianic prophecy. The most important events in the life of Christ are considered, and sufficient geographical and historical information is given to make the subject most interesting and profitable. Lectures and supplementary readings.

c. **Apostolic Age**; a continuation of course b; three hours a week during the second term. This course includes a study of the development of Christianity and its growth through the missionary labors of the Apostles. A study of the epistles and the apocalypse is a prominent part of the work. In courses b and c the most important principles of the Gospel are considered in connection with the teachings of Christ and the Apostles. Quotations are freely used in this connection, care being taken to arrange the passages of Scripture logically, and in relation to the context.

1. **Old Testament**; required of all third year students; three hours a week throughout the year. This course includes a preliminary series of lectures and discussions on the origin and nature of the Bible, its divine authenticity, and a brief account of the various versions and translations. Each book is analyzed; and in addition to historical and geographical discussions of the Jewish and surrounding

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*During 1902-03 second year students will take Book of Mormon I, section 5.

nations, full consideration is given to the Hebrew laws and their beneficial influence on the world at large. A study of the poetical and prophetical books of the Old Testament is a prominent part of the course. The *Old Testament* is used as a text, suplemented by the works of Josephus, together with Bible dictionaries and concordances. Professor Hall.

2. **Church History and Doctrine**; required of all fourth year students; three hours a week throughout the year. This course deals with the history of the Church during the life of the Prophet Joseph Smith; and includes a systematic study of the doctrines, ordinances, and organization of the Church. Professor Miller.

3. **Systematic Theology**; open as an elective to those who have taken course 2; three hours a week throughout the year. In this course the principles of the Gospel are treated systematically and thoroughly. The plan of salvation, its orgin, purpose, and results are carefully considered from the point of view of history, revelation, and reason. The main principles set forth in the Articles of Faith, as the Fall, the Atonement, the attributes of Deity, man's relationship to God, the laws and ordinances of the Gospel, etc., are among the subjects of instruction. Special attention is given to the results of obedience and disobedience to the laws of God, as shown in the history of men and nations.

4. **Book of Mormon II**; open as an elective to those who have completed course a; three hours a week throughout the year. In this course a thorough study will be made of the internal and external evidences of the *Book of Mormon.* A treatment of the antiquities of America, Indian traditions, etc., is included. A comparative study will be made of the customs, habits, and languages of the Jews, Indians, and Pacfic Islanders.

5. **Ecclesiastical History**; open as an elective to those who have completed course 2; three hours a week

throughout the year. This course begins with the establishment of the Church by Christ; briefly reviews the Apostolic Age; and deals with the rise and development of the Roman Catholic Church, the doctrines and history of the prominent heretic sects, the Reformation, and the rise and religious views of the leading Protestant denominations. Professor J. F. Miller.

6. **Church History II**; open as an elective to those who have completed course 5; two hours a week throughout the year. A course of lectures and readings on the history of the Church of Jesus Christ of Latter-day Saints from the organization of the Church to the present time. Professor J. F. Miller.

7. **Christian Evidences**; elective; three hours a week during the first term. In this course lectures are given on the credibility of revealed religion as contained in the Bible and other Church works. The work is supplemented by text-book lessons. Students are required to write essays and deliver lectures on subjects treated in the class. Fisher's *Christian Evidences*, *Orson Pratt's Works*, and other works of reference.

8. **Natural Theology**; a continuation of course 7; three hours a week during the second term. This course treats of the existence and character of God, so far as these may be known from nature and reason. The clear evidence in nature of a supreme First Cause is pointed out, and any tendency towards skepticism from the study of the physical sciences alone is thus counterbalanced. Care is taken that the instruction in this subject shall be broad and candid in spirit and clear in methods of presentation. Janet's *Final Causes*, Valentine's *Natural Theology*, and other works of reference.

9. **Comparative Religion**; open as an elective to those who have completed course 5; three hours a week throughout the year. Among the principal topics considered in this course are the origin of reli-

gion; the comparative history and classifications of religions, and their principal forms; the phenomenology of religion, including a discussion of rites and ceremonies, objects of worship, mythology, the connection of religion with ethics, etc; the ethnographic division of religions; and the principal religions of the world. Lectures, essays, and class discussions. In connection with this course a large amount of private reading is necessary; students will have access to needed books of reference.

10. **New Testament Greek**; open to those who have completed one of the high school courses; three hours a week throughout the year. A study of Greek grammar with special reference to the study of the New Testament. Careful translation of the Gospel of John. Assistant Professor Chamberlin.

11. **Acts of the Apostles**; three hours a week during first term. Translation of the entire book of Acts, together with an historical study of the same. Assistant Professor Chamberlin.

12. **Paul and the Epistle to the Romans;** three hours a week during the second term. Life and character of Paul. Translation and critical study of his epistle to the Romans. Assistant Professor Chamberlin.

13. **Hebrew Language**; open to those who have completed one of the high school courses; three hours a week throughout the year. An inductive study of the etymology of the language in connection with the reading of the first eight chapters of Genesis. Translation of portions of the books of Samuel. Assistant Professor Chamberlin.

14. **Advanced Hebrew**; open to those who have completed course 14; three hours a week throughout the year. Hebrew syntax will be studied in connection with the reading of Deuteronomy. Also a translation of Ruth, Jonah, and a portion of Isaiah. Assistant Professor Chamberlin.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR VERNON.
INSTRUCTOR BUSH.
INSTRUCTOR PERRY.

a. **Grammar and Composition**; required of all first year students in the high school courses; five hours a week during one term, four hours of which are given to a technical study of the principles of English Grammar. One hour a week is devoted to theme-writing, mostly reproductions. Two sections each term. Instructor Bush.

b. **Classics**; required of all first year students in the high school courses; five hours a week during one term. This course includes a study of several American classics, together with some systematic training in the use of the voice and drill in articulation and expression. Orthography forms an important part of the course. Two sections each term. Professor Vernon.

c. **Business Correspondence**; elective to students in the first year of the Business courses; two hours a week throughout the year. The work of the first term comprises a thorough study of punctuation and kindred subjects, thus preparing the way for the work of the second term, which is given up to the theory and practice of letter-writing. First term, Professor Vernon; second term, Instructor Anderson.

d. **Elocution I**; elective in the high school courses; one hour a week throughout the year. This course includes a drill in the essentials of good reading and expression, and also an application of the elementary principles of elocution in the analysis of selections from standard authors. Instructor Perry.

e. **Rhetoric I**; required of all students in the second year of the high school courses; five hours a week throughout the year. This course is based on Herrick and Damon's

Composition and Rhetoric or Genung's *Outlines of Rhetoric.* Bi-weekly themes and collateral readings are required. Two sections. Instructor Bush.

f. **English Literature**; required of third year students in the high school courses; three hours a week throughout the year. A general survey of English literature, consisting of lectures. readings, and reports. A few of the masterpieces are studied critically. Professor Vernon.

1. **Rhetoric II**; required for graduation in all courses except the Industrial; two hours a week throughout the year. This is a continuation of course e, including a more detailed study of the chief varieties of composition—description, narration, exposition, and argumentation, with written exercises in each. Professor Vernon.

2. **Elocution II**; open as an elective to those who have completed Elocution I; three hours a week throughout the year. The object of this course is to give students practice in platform work. Two hours a week are devoted to reading, declaiming, and extempore speaking from the platform. One hour a week is reserved for criticism of students' work and an analytic study of modes of expression. Instructor Perry.

3. **History of the English Language**; open as an elective to those who have completed course 1; three hours a week during one term. This course follows the general development of the language, taking note of the various modifying influences that have been in operation from the Roman Conquest of Britain down to the present time.

4. **Old English I**; open as an elective to those who have completed course 1; three hours a week during one term. An elementary study of Anglo-Saxon grammar, together with readings from Anglo-Saxon prose and poetry. Cook's *First Book in Old English.*

5. **Old English II;** open as an elective to those who have completed course 4; three hours a week during one

term. This course comprises a general view of Anglo-Saxon literature together with a critical study of *Beowulf*.

6. **Periods of English Literature**; open as an elective to those who have completed course f; three hours a week throughout the year. In this course the history of English literature is divided into periods as follows:

Age of Chaucer, (1340-1400).
Age of Shakespeare, (1564-1616).
Age of Milton, (1632-1660).
Age of Dryden, (1660-1700).
Age of Pope, (1700-1744).
Age of Johnson, (1744-1798).
Age of Wordsworth, (1798-1830).
Age of Tennyson, (1830-1892).

One term is given to each period. It is possible, therefore, for students to elect this course year after year until all the work has been completed.

7. **American Literature**; elective to those who have completed course e; three hours a week throughout the year. A general survey of poetry and prose, with lectures, criticisms, and assigned readings of American masterpieces.

8. **Tennyson and Browning**; elective to those who have completed course 1; two hours a week throughout the year. In this course only a few choice poems will be selected for minute study in class, but students will be expected to familiarize themselves with all the writings of these two poets.

9. **Shakespeare**; elective to those who have completed course 1; two hours a week throughout the year. This course consists of the study and interpretation of representative plays, supplemented by the reading of selected criticisms.

10. **The Novel**; an elective course to those who have completed course 1; four hours a week throughout the year. The novel is considered historically as regards its origin

and growth, philosophically as regards its structure and relationship to other forms of literary art. Masterpieces representing the various stages in the growth of fiction will be studied and discussed.

11. **The Short Story;** elective to those who have completed course 1; three hours a week throughout the year. This course is confined mainly to the nineteenth century, with special attention paid to American writers.

12. **The Drama**; elective to those who have completed course 1; three hours a week throughout the year. Representative ancient and modern plays are studied, with special attention paid to technique.

13. **Literary Criticism**; elective to those who have completed course 6; three hours a week throughout the year. This course comprises a study of the history of literary criticism from Aristotle to the present time, together with the study of underlying principles and an application of them to several typical literary forms.

14. **Literature in English**; elective to those who have completed course 1; three hours a week throughout the year. In this course, masterpieces are selected from foreign literatures and studied in English translations.

15. **Epic Poetry**; an elective course to those who have completed course 1; three hours a week throughout the year. The works of the great epic poets from Homer to Milton are studied and discussed.

16. **Literary Forms;** open as an elective to those who have completed course f; three hours a week throughout the year. In this course the various literary forms, both in prose and in poetry, are considered with respect to their nature and beginnings. Copious readings, illustrative of the forms studied, are required.

MODERN LANGUAGES.

PROFESSOR H. K. MERRILL.*
INSTRUCTOR GLARDON.

FRENCH.

1. **First Year**; four hours a week throughout the year. Kroeh's *First Book;* Super's *French Reader*; *Fleurs de France*, etc.

2. **Second Year**; four hours a week throughout the year. Kroeh's *Second Book*; *La Mare au Diable; Le Mari de Madame Solange;* Lamartine's *Jeanne d'Arc.*

3. **Third Year**; three hours a week throughout the year. Daudet's *La Belle Nivernaise;* Moliere's *L'Avare;* Corneille's *Le Cid;* Hugo's *Ruy Blas.*

GERMAN.

1. **First Year**; four hours a week throughout the year. Keller's *First Book;* Guerber's *Maerchen*, etc. Assistant Professor Skidmore.

2. **Second Year;** four hours a week throughout the year. Keller's *Second Book;* Bernhardt's *Composition; Germany and the Germans.* Assistant Professor Skidmore.

3. **Third Year**; three hours a week throughout the year. Joynes-Meissner's *Grammar*, together with several German classics. Instructor Glardon.

ANCIENT LANGUAGES.

ASSISTANT PROFESSOR CHAMBERLIN.

GREEK.

1. **First Year**; four hours a week throughout the year. White's *First Greek Book* will be used, and the first book of Xenophon's *Anabasis* translated. During this

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*On leave of absence.

course special attention will be given to prose composition rather as a means of fixing Greek forms in the mind than as an end to be attained.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Xenophon's *Anabasis*, books II, and III, and Homer's *Iliad*, books I-VI are translated.

3. **Third Year**; open to those who have completed course 2; four hours a week throughout the year. Homer's *Odyssey*, books I, II, and III; Xenophon's *Memorabilia*; selections from Herodotus and Thucydides.

4. **Fourth Year**; open to all who are qualified; four hours a week throughout the year. Æschylus' *Prometheus Bound*; Sophocle's *Antigone*; Euripides' *Alcestis*; Aristophanes' *Birds*; Plato's *Apology* and *Crito*.

LATIN.

1. **First Year**: four hours a week throughout the year. The aim in this course is to have the student acquire a thorough mastery of the chief elements of Latin syntax, and a vocabulary sufficient to enable him to begin the reading of Cæsar. The first book of Cæsar is translated, and special attention given to Latin composition based on the text read.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Three books of Cæsar's *Gallic Wars*; Cicero's *Orations Against Cataline*, and selections from Cornelius Nepos are translated. The more difficult parts of Latin syntax are carefully studied as they are met with in the text.

3. **Third Year**; open to those who have completed course 2; fours hours a week throughout the year. Six books of Virgil's *Æneid* are translated with special attention given to prosody. Prose composition is also required.

4. **Fourth Year**; open to all who are qualified;

three hours a week throughout the year. Cicero's *De Amicitia*; *Odes* of Horace; Livy's *Roman History*, books XXI, XXII; Terence's *Andria*.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

The object of this department is to familiarize the student with the leading facts of history, to acquaint him with the general relation of events, to accustom him to look for the causes that produce certain effects, and to enable him to follow the evolution of institutions and the influences of men and measures; to inspire him with a love for historical investigation, and to acquaint him with the best methods of studying and teaching history; also to familiarize him with municipal and state governments, with the constitution and government of the United States, and with the logic of economics and the laws governing the accumulation and distribution of wealth.

The work is conducted by means of lectures and class-room recitations, and by investigations in the library upon topics assigned for special study.

a. **The Orient and Greece**; required of students in the second year of the Classical Course; five hours a week during the first term.

b. **History of Rome**; required of students in the second year of the Classical Course; five hours a week during the second term.

c. **European History**; reqnired of students in the third year of the Classical Course; two hours a week throughout the year.

1. **American History**; required of students in the high school courses; three hours a week throughout the year. This course assumes a fair knowledge of the amount

of history required in the eighth grade of district schools The periods of discovery and colonization are treated briefly and the study is devoted mainly to the political, constitutional, and industrial development of the United States during the national epoch.

2. **Civil Government**; required of students in the high school courses; two hours a week throughout the year. This course embraces a study of township, county, city, and state governments, and of the Constitution and government of the United States.

3. **Political Economy**; required in the fourth year of the Industrial and Business courses; open as an elective in others; three hours a week throughout the year. This course deals with the logic of economics and the laws governing the accumulation and distribution of wealth.

4. **Grecian History**; open as an elective; two hours a week throughout the year. This course is a study of the political and intellectual development of Greece, special attention being devoted to the Athenian and Spartan forms of government, and to the confederacies of Achaia and Ætolia.

5. **Roman History**; open as an elective; two hours a week throughout the year. This course is a study of the political development and territorial growth of Rome, and the leading economic problems and constitutional questions associated therewith. Attention is also directed to the influence which the political institutions and legal conceptions of Rome have exerted in modern times.

6. **The Middle Ages**; open as an elective; three hours a week throughout the year. The Holy Roman Empire, the Feudal System, the Crusades, the Papal Supremacy, the Monastic Systems, the Renaissance.

7. **The French Revolution, its Causes and History**; open as an elective; three hours a week throughout the year. This course is introduced by a brief sketch of the Dutch, English, and American revolutions.

8. **Constitutional and Political History of the United States**; open as an elective; four hours a week throughout the year. In this course special attention is given to the various local systems of government, and the development, during the colonial and revolutionary periods, of the principles embodied in the Constitution.

9. **The Civil War; Reconstruction; National Development**; open as an elective; four hours a week throughout the year.

10. **History and Philosophy of the State**; open as an elective; five hours a week throughout the year. This course deals with the nature and origin of the State; its organization and development, as exemplified in the histories of Greece, Rome, Modern Europe, and the United States.

11. **International Law**; open as an elective; three hours a week throughout the year. Course 11 gives an outline of the laws recognized in international affairs, with an historical treatment of their development and modifications.

EDUCATION.

PROFESSOR HALL.

As a preparation for the work in education, normal students of the second year are requested to read carefully the following books: *Leonard and Gertrude*, *The Student's Froebel*, and *A Pot of Green Feathers*.

a. **Science of Education**; required of third year students in the Normal Course; two hours a week throughout the year. This course is designed as a preparation for work in the Training-School, and includes a careful consideration of the principles of education, the mental development of the child, the laws of mind and of teaching, and of moral training. Putnam's *Manual of Pedagogics*, and

Parker's Pedagogics are used as texts, supplemented by readings from Spencer's *Education*, *Herbart and the Herbartians*, and other works, and by lectures and discussions. Required readings: *My Pedagogic Creed*, *The Story of a Sand Pile*, *A study in Dolls*, *Contents of a Child's Mind*, and *The Human Nature Club.*

b. **Child Study;** required of all students in the third year of the Domestic Course; open as an elective to others prepared for the work. Two hours a week throughout the year. Selections will be studied from Chamberlin's *The Child*, Taylor's *Study of the Child*, Oppenheim's *Development of the Child* and other works. Lectures and discussions.

c. **Training**; required of fourth year Normal students; four hours a week throughout the year. This course gives practice in teaching in the Normal Training-School under the direction of critic teachers. Outlining lessons, planning courses, and making programmes are features of this course. Required readings: Roussean's *Emile*, *The Meaning of Education*, *Reading: How to Teach it*, and *Talks to Teachers on Psychology and Life's Ideals.*

1. **Art of Teaching**; required of fourth year Normal students; four hours a week during the first half of the year. This course deals with the application of the principles of teaching to the various school branches. Methods of teaching, school management, government, discipline, etc., are emphasized. McMurry's *Special Methods*, Scott's *Organic Education*, and *Waymarks for Teachers* are used as texts, supplemented by lectures and discussions. A review of Arithmetic is given in this course.

2. **History of Education**; required of fourth year Normal students; three hours a week during the second half of the year. Selections from Seeley's *History of Education*, and from Davidson's will be studied, supplemented by readings, lectures, and discussions.

3. **History of Education;** open as an elective to students who are prepared for the work. Three hours a week throughout the year. This course treats thoroughly the history of ancient, mediæval, and modern education. Laurie's *Pre-Christian Education*, and Compayre's *History of Pedagogy* are the texts, which are supplemented by readings from Davidson's and other works, and by lectures and discussions.

4. **Philosophy of Education**; open as an elective to those who have completed course 3 in Education and course 1 in Philosophy; two hours a week throughout the year. Study and discussion of special topics in the philosophy of education, and of the great exponents of educational thought and practice. Rosenkranz's *Philosophy of Education* and Tompkin's *Philosophy of Teaching*. Lectures and class discussions, with supplementary readings.

5. **Educational Systems;** open as an elective to those who have taken course 2; two hours a week throughout the year. The comparative study of educational systems, domestic and foreign; the Reports of the Commissioner of Education; and suitable reports of the National Educational Association will be considered. Lectures and discussions.

PHILOSOPHY.

PROFESSOR HALL.

1. **Psychology I**; required of third year Normal students, open as an elective to others; three hours a week throughout the year. The aim of this course is to make the student familiar with the fundamental phenomena of mind, special attention being paid to the application of the principles to education. The physical basis of mind; importance and application of habit in education, knowing, feeling, and willing, are leading topics of the course.

Texts: Titchener's *Primer of Psychology* and Stout's

Introduction to Psychology. Required reading: Patrick's *Psychology for Teachers*.

2. **Psychology II**; open as an elective to those who have completed course 1; three hours a week during the first term. Lectures, recitations, discussions, private reading, and theses. James' *Principles of Psychology*, Stout's *Manual of Psychology*, and other standard works.

3. **Ethics**; a continuation of course 2; three hours a week during the second term. Introduction to the various schools of ethics; fundmental moral ideas and their order; the good, its definition and nature; subjective ethics; development in morals; moral responsibility; merit and demerit; ethics and religion; ethics of the individual; duties to self and their relation to the duties of others; ethics of the family; and ethics of society; Mackenzie's *Manual of Ethics*, and supplementary reading.

4. *Logic*; open to those who have completed course 2; three hours a week during the second term. Lectures and class discussions. Creighton's *Introductory Logic*, and Poland's *Laws of Thought*.

5. **History of Philosophy**; three hours a week throughout the year. The aim in this course is to trace historically the subject of philosophy from its orgin to the present time, including a consideration of the biographies and characteristic teachings of the most eminent philosophers, ancient and modern. Lectures, class discussions, private readings, and theses. Roger's *Student's History of Philosophy* and selections from standard works.

MATHEMATICS.

ASSISTANT PROFESSOR CHAMBERLIN.
INSTRUCTOR BULLEN.

The aim in all the courses in mathematics is to cultivate habits of exact, sustained, and independent reasoning, of precision and clearness in the statement of convictions and the reasons upon which they depend; to rely upon insight, originality, and judgment rather than upon memory. The endeavor is to secure full possession of leading principles and methods rather than details. From the first, students who show special aptitude are encouraged in the working of subjects which require more prolonged investigation than the daily exercises of the class-room.

In the elementary courses the students are required to exhibit in the class-room the results of their private study. Whenever practicable, lectures are given on subjects not fully treated in the text-books. In the higher elective courses the students are given greater latitude in their investigations, and are made acquainted as far as possible with the results of the most recent developments in mathematical science.

a. **Commercial Arithmetic**; required of all first year students in the Business courses; five hours a week throughout the year. This course includes a treatment of ratio and proportion, percentage, interest and discount, exchange, equation of payments. settlement of accounts, stocks and bonds, and partnership. Contracted methods are given special attention. Instructors Bullen and Anderson.

b. **Algebra I**; required of students in the first year of the high school courses; five hours a week throughout the year. An elementary course including a thorough study of quadratic equations. Well's *Essentials of Algebra.* Two sections. Instructor Perry.

c. **Plane Geometry**; required of second year students in high school courses; three hours a week throughout the year. The work of the regular course in Plane Geometry will be supplemented by numerous problems. Well's *Plane Geometry*. Two sections. Assistant Professor Skidmore.

1. **Geometry, Algebra II**; required of third year students in high school courses; four hours a week throughout the year.

(a). Solid Geometry. Phillips and Fisher's Geometry. First term.

(b). Algebra; advanced work in the fundamental operations, fractions, and simpler equations. A study of the higher series and some of their applications. Well's *College Algebra*. Second term.

2. **Algebra III, Trigonometry**; required of fourth year students in the Classical and Scientific courses; three hours a week throughout the year.

(a). Algebra. Among the subjects treated will be the theory of elimination by determinants and an introduction to the study of the higher equations. Well's *College Algebra*. First term.

(b). Trigonometry. Plane and spherical trigonometry including a study of some of the more important applications. Well's *Trigonometry*. Second term.

3. **Analytic Geometry**; open as an elective; two hours a week throughout the year. An application of Algebraic methods to Geometry. Plane curves. Introduction to the Analytical Geometry of Space. Based on Ashton's *Analytic Geometry*.

4. **Differential and Integral Calculus**; elective; three hours a week throughout the year. An elementary treatment based on Osborne's *Differential and Integral Calculus*.

5. **Analytic Mechanics**; elective; three hours a week throughout the year. The course is based on Bow-

ser's *Analytical Mechanics.* Supplementary work in other texts.

6. **Surveying**; elective; three hours a week throughout the year. A practical course, based on Johnson's *Theory and Practice of Surveying.*

7. **Theory of Equations**; elective; three hours a week during one term. Includes an elementary treatment of Determinants. Todhunter's *Theory of Equations.*

8. **Descriptive Geometry**; open to those who have a knowledge of the calculus; three hours a week throughout the year. Church's *Descriptive Geometry.*

9. **Advanced Analytic Geometry**; elective; five hours a week during the first term. C. Smith's *Conic Sections.*

10. **Solid Analytical Geometry**; elective; five hours a week during second term. Sequel of course 9. Salmon's *Geometry of Three Dimensions.*

11. **Advanced Calculus**; elective; five hours a week throughout the year. Byerly's *Differential Calculus and Integral Calculus.*

12. **Differential Equations**; elective; three hours a week during one term. Sequel of course 11. Based on Murray's *Differential Equations.*

13. **History and Philosophy of Mathematics**; elective; one hour a week throughout the year. Ball's *History of Mathematics;* Comte's and Bledsoe's *Philosophy of Mathematics.*

ASTRONOMY.

ASSISTANT PROFESSOR CHAMBERLIN.

1. **Descriptive Astronomy**; open as an elective; three hours a week during the first term. Frequent use of

the telescope adds greatly to the value of this interesting science. Todd's *New Astronomy*, with supplementary work.

2. **Advanced Astronomy**; open as an elective; three hours a week throughout the year. A general consideration of the principles of mathematical Astronomy. Based on Young's *General Astronomy*.

PHYSICS.

a. **Elementary Physics**; required in the third year of the high school courses; four hours a week throughout the year. This course comprises a study of elementary mechanics, sound, heat, light, electricity, and magnetism. Recitations and Laboratory work. Carhart and Chute's *Elements of Physics*, Chute's *Laboratory Manual*. Assistant Professor Jensen.

1. **General Physics**; open as an elective to students who have completed Physics a, and Mathematics 2; four hours a week throughout the year. The aim in this course is to give as thorough a treatment of the subject as is usually given without the aid of the calculus. Carhart's *University Physics*. Assistant Professor Skidmore.

2. **Advanced Physics**; open as an elective to those who have completed Physics 1, and Mathematics 3 and 4; three hours a week throughout the year. This course consists of a mathematical treatment of sound, light, and heat.

3. **Electricity and Magnetism**; open to those who have completed Physics 1, and Mathematics 3 and 4; two hours a week throughout the year. J. J. Thompson's *Elements of the Mathematical Theory of Electricity and Magnetism*.

CHEMISTRY.

ASSISTANT PROFESSOR RIDGES.

1. **General Chemistry**; required in the fourth year of high school courses; five hours a week during the first term. Lectures, recitations, and laboratory work. Hessler and Smith's *Essentials of Chemistry*.

2. **Qualitative Analysis**; open to those who have completed course 1; five hours a week during one term. Chiefly laboratory work, with discussions on schemes for analysis, solutions of problems, etc.

3. **Quantitative Analysis**, open to those who have completed courses 1 and 2; six hours credit, from twelve to fifteen hours laboratory work a week being required; second term.

4. **Advanced Qualitative Anlaysis**; five hours a week during the first term. This is a continuation of course 2; special problems in analysis and synthesis with practical applications. Fresenius' *Manual of Qualitative Analysis*, and Prescott and Johnson's *Qualitative Analysis*, as guides.

5. **Advanced Quantitative Analysis**; five hours a week during the second term. Open to those who have completed courses 1, 2, and 3. The work includes the analysis of some commercial preparations, limestones, ores, etc.

6. **Industrial Chemistry**; open to those who have had course 1; three hours a week during the second term. This course comprises a study of the following: Air, and its contamination; gas and oil lighting; petroleum; pigments, paints, etc.; explosives; glass; photography.

7. **Organic Chemistry**; open to those who have had course 1; five hours a week during the first term. Lectures, recitations, and laboratory work. This is an

elementary course designed to acquaint the student with the common compounds of carbon, such as fats, soaps, dyes, perfumes, hydrocarbons, etc. Remsen's *Organic Chemistry*.

8. **Assaying**; open to all who have had courses 1 and 2; three hours a week during the second term. This course should be accompanied or preceded by course 3.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.

INSTRUCTOR HENDERSON.

a. **Elementary Zoology**; five hours a week during first term; three hours recitations and four hours laboratory practice. This course gives a general view of the animal kingdom. Living animals will be examined, and dissections made as a basis for understanding animal structure. Kingsley's *Comparative Zoology*. Laboratory fee, $1. Instructor Henderson.

b. **Elementary Botany**; five hours a week during second term; three hours recitations, four hours laboratory practice. In this course it is intended to give the student a thorough understanding of the more obvious phenomena of plant structure and some of the simpler physiological processes of plant organisms, in order that a basis may be formed for all future intelligent study of the same. Enough classification will be given to make clear the relationship of the different groups, and also to enable the student to recognize the commoner types. Bergen's *Elementary Botany*. Laboratory fee, 50 cents. Instructor Henderson.

1. **Morphology of Invertebrates**; elective to those who have completed course a; three hours a week throughout the year; lectures two hours, laboratory four hours. Typical invertebrate forms, both marine and those of our own locality, are studied by dissection and prepared

specimens. Enough systematic work will be given to show the relationship existing between the groups. Laboratory fee, $1.25 a term.

2. **Morphology of Vertebrates**; elective to students completing course 1; three hours a week throughout the year; lectures two hours, laboratory four hours. This course consists of lectures, assigned readings, and the dissection of such typical forms as the hagfish, the lizard, the snake, the pigeon, the cat, etc. Embryology and osteology receive attention, as also does systematic zoology. Laboratory fee, $1.25 a term.

3. **Thallophytes**; elective to those who have completed course a; three hours a week during first term; two lectures and four hours in the laboratory. A morphological and systematic study of the commoner forms of Algae and fungi. Smut, rust, mildews, etc., are studied together with methods of destroying same. Laboratory fee, $1.00.

4. **Spermatophytes**; elective to those who have completed course a; three hours a week during second term; two lectures and four hours laboratory and field work. Lectures are given on the principles of classification, followed by a study of the gross structure of our common flowering plants. The student is required to collect, correctly name, and describe at least one hundred species of our local flora. Laboratory fee, $1.00.

5. **Morphology of Compositæ**; elective to those who have completed course 2; three hours a week during the second term: two lectures and four hours laboratory practice. This course is outlined for those who wish to become familiar with one of the most difficult orders of flowering plants. In addition to a morphological and systematic study of our native species, a comparative study of our local with eastern and western types will be made. Laboratory fee, $1.00.

6. **Bryophytes and Pteridophytes**; elective to those who have completed course 1; three hours a week

during second term: two lectures and four hours laboratory and field work. A morphological and systematic study of Mosses and Ferns, our local species receiving the special attention of the student. Laboratory fee, $1.00.

7. **Histology and Physiology of Plants**; elective to those who have completed course 2; three hours a week throughout the year. A study of the microscopic structure, the development, and the vegetative processes of Phanerogams. Laboratory fee, $1.50 a term.

8. **Elementary Bacteriology**; elective to those who have completed courses a and b; five hours a week during the first term: one hour lecture and recitation, and eight hours in the laboratory. This is a course in methods of staining and cultivating the more common forms of bacteria, the preparation of culture media, and a study of methods of bacteriological analysis of water, milk, etc. , Laboratory fee, $1.50.

9. **Pathogenic Bacteriology**; elective to those who have completed course 8; five hours a week during the second term: two hours lecture and recitation, and six hours laboratory practice. This is a further study of technique, and a careful examination of common disease germs. Lectures are given on the germ theory of disease, methods of sterilization and Pasteurization, and such other work essential to a thorough knowledge of bacteriology. Laboratory fee, $1.50

10. **Advanced Bacteriology**; elective to those who have completed courses 8 and 9; four hours a week throughout the year. This is a course in research work. Some problem in which the student is interested will be assigned for careful investigation. Laboratory fee, $2.00 each term.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

ASSISTANT PROFESSOR RIDGES.

a. **Physiology I**; required in the second year of high school courses; two hours a week throughout the year. The aim of this course is to make the student familiar with the more important principles of physiology and the laws of health. Colton's *Physiology Experimental and Descriptive.*

1. **Physiology II**; open to those who have had course a; four hours a week throughout the year. Lectures, recitations, and laboratory work. It is the aim in this course to make a thorough, detailed study of the structure and functions of the organs of the human body, and to demonstrate all points as far as can be done in the ordinary laboratory. Special attention is given to the processes of life, and the laws which control the development of the human body.

2. **Histology**; open to those who have taken course 1; three hours a week throughout the year. This course is a microscopical study of normal elementary tissues, and an acquaintance with methods of preparing material for microscopical examination. The student will receive thorough drill in embedding, sectioning, and staining. Laboratory fee, $2.00 each term.

GEOLOGY AND MINERALOGY.

ASSISTANT PROFESSOR JENSEN.

The courses outlined below aim to give students a good general knowledge of the forces that modify the structure of the surface of the earth, the different kinds of rocks and rock structure, and the history of the earth and its inhabitants as read in its structure and interpreted by forces now in operation.

In mineralogy the student is made familiar with our common minerals, their properties, and distribution, and with practical methods for the determination of mineral species.

a. **Physiography**; required of students in the first year of all high school courses; three hours a week throughout the year. After the atmosphere and the physical features of the ocean have been discussed the remaining time of the course is devoted to a study of the development of the various land forms, together with the influence of such forms on the character and occupation of the people associated with them. Davis' *Physical Geography*, (latest edition). Four sections. Assistant Professors Jensen and Ridges.

1. **Elementary Geology;** required of fourth year Normal students, elective to others; five hours a week during the second term. An elementary course in dynamical, structural, and historical geology, arranged with special reference to the needs of the teacher.

2. **Advanced Geology**; elective to those who have completed course 1; three hours a week throughout the year. Lectures, laboratory and field work. An advanced course in dynamical, structural, and historical geology. The study of typical fossils, and the determination of local geological formations will form an important part of the work. Le Conte's *Elements of Geology* (latest edition), is the regular text book. Geikie's *Text Book of Geology*, Lyell's *Principles of Geology*, and Dana's *Manual of Geology* are used as reference works, and outside readings from reports of U. S. Geological Surveys are prescribed.

3. **Economic Geology;** elective to those who have completed course 2; three hours a week during the first term. Lectures, laboratory and field work. A study in practical geology, dealing with minerals, rocks, ores, soils, fertilizers, mineral springs, etc. Mining terms and methods are discussed, and brief descriptions given of our great gold and silver producing mines. Tarr's *Economic Geology* is the class

book. Page's *Economic Geology* and works upon special subjects are used as text and reference books.

4. **Geological Biology**; elective to those who have completed course 2; three hours a week during the second term. This course is an introduction to the study of paleontology, and comprises discussions on the history of organisms, the relation of the biological sciences to the science of geology, evolutionary theories and kindred subjects. Lectures and field work.

5. **Great Basin**; elective to those who have completed course 2; three hours a week during the first term. A study of the origin and growth of the Great Basin and Plateau regions, with their characteristic mountains, rivers, and lakes. Lectures and field work.

6. **Elementary Mineralogy**; elective to those having suitable preparation; three hours a week during the second term: two lectures and four hours laboratory work. This course is an elementary study of mineralogy. The student is taught to determine the more common minerals, and is made acquainted with some of their most important properties. Dana's *Minerals and How to Study Them.* Laboratory fee, $1.50.

7. **Advanced Mineralogy**; elective to those who have completed course 6, and Chemistry 1; lectures two hours, laboratory work four hours throughout the year. The work of this course is a continuation of course 6, but enters more into detail. Special attention is given to crystallography and blow-pipe analysis; the student being required to determine not fewer than seventy-five mineral species. Dana's *System of Mineralogy* and Williams' *Crystallography.* Laboratory fee, $2.00 a term.

BUSINESS.

ASSISTANT PROFESTOR BULLEN.
INSTRUCTOR MARLER.
INSTRUCTOR ANDERSON.

a. **Bookkeeping**; required of second year students in the Business courses; three hours a week throughout the year. Students are thoroughly drilled in the principles which underlie and form the foundation of bookkeeping. special attention being given to ruling, spacing, order and general arrangement of work, notes, drafts, receipts, checks, statements, invoices, trial balances, settlements incidental to the close of a year or winding up a business, the adjustment of partnership profits, methods of closing books, and other details connected with bookkeeping. The work is practical from the beginning, and largely individual. Students buy and sell as in actual business, dealing with commission, merchandising, manufacturing, jobbing, insurance, etc. Business is done directly with the College Bank, students making regular deposits, and paying bills by check. Instructor Marler.

b. **Bookkeeping and Banking**; required of third year students in the Business Course; four hours a week throughout the year. This course is a continuation of course a, and deals with banking and auditing, giving actual practice in expert accounting. Thorough instruction is given in opening books under more than ordinary circumstances, from a single proprietorship to a corporation: in outlining systems of bookkeeping especially adapted to certain lines of business; adjusting deranged books; admission of partners; dissolution of partnerships and settling of complicated partnership affairs. College currency, deeds, leases, mortgages, bills of exchange, insurance policies, and other forms of commercial paper found in the general routine of business are used. Special attention is given to corporation work. The bank is organized after the plan provided in the National Bank Act and is conducted along the lines of the modern system of banking; the students are the stockholders; regular meetings are held where officers are elected, dividends declared, and other business attended to. Each student serves in his turn, as Discount and Collection Clerk, Bookkeeper, Teller, and Cashier. Business is carried on with corresponding banks in other colleges in Utah and Idaho. Order, neatness, proficiency, and accuracy characterize the work. Assistant Professor Bullen.

c. **Commerce and Transportation**; required of fourth year students in the Business Course; three hours a week throughout the year. This course embraces a study of the commerce and transportation of the state, the country and all countries of the world with which we have any considerable trade; the origin and early development of commerce, and its influence on the world's civilization; discoveries, public works, inventions, legislative enactments, and other important influences by which the progress of the world has been affected; the more important commodities of commerce, the climate and conditions suited to their production, where they are found and the preparation necessary to fit them for the purposes of trade; the use of wind, steam, animals, conduits, and electricity in carrying commodities; water and land transportation. Assistant Professor Bullen.

d. **Commercial Law**; required of second year students in the Short Business Course, and of fourth year students in the Business Course; three hours a week throughout the year. This course embraces a study of the laws governing the transaction of business in the world of commerce, including a knowledge of contracts, agency, partnership corporations, business paper, liens, guaranty and suretyship, insurance, real estate, conveyances, stoppage, etc. Assistant Professor Bullen.

e. **Penmanship;** required of first year students in the Business courses; two hours a week throughout the year. The course in writing is systematic trom beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student an easy, rapid business handwriting is acquired. Instructor Anderson.

f. **Stenography**; elective in the Business courses; five hours a week throughout the year. Individual and class instruction. In the class drill the students get the benefit of the stimulus given by competition. The second part of the year is given entirely to dictation and practical reporting. Benn Pitman and Gregg systems. Instructor Anderson.

g. **Typewriting***; elective in the Business course; two hours a week throughout the year. A systematic course of instruction in touch typewriting is pursued. Students are taught proper fingering of the keys and handling, cleaning, oiling, and adjusting the machine. When the card exercises have been thoroughly mastered by the student, an extensive course is introduced, consisting of writing legal testimony and documents, specifications, commercial correspondence, manifolding, together with all other forms of work usually done on the typewriter. Students also have dictation exercises until a high speed is attained. Instructor Anderson.

h. **Telegraphy**; elective in the Business Course; two hours a week throughout the year. The student is required to learn the alphabet at the key, commencing with the most simple forms so as to enable him to commit them to memory; then he is taught more advanced combinations, learning to read by sound and at the same time making the sounds correctly on the key. In this way he advances progressively, reading and sending messages, until he has attained a speed of ten or twelve words a minute, after which he is drilled for speed. The student should take up in connection with the course, penmanship and typewriting, also English and mathematics. Instructor Anderson.

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*In the outline on page 37, Typewriting should have been listed at two hours rather than at five. Students in the third year of the Business Course will make up twenty hours from the elective subjects named on that page.

DOMESTIC ARTS.

INSTRUCTOR LINFORD.
INSTRUCTOR HOMER.

a. **Plain Sewing**; required of all first year students in the Domestic Arts Course; three hours a week during the first term. This is, in the main, a laboratory course, the aim being to give each student a thorough knowledge of the stitches in plain sewing, basting, running, back-stitching, hemming, felling, and blind-stitching. Instruction is given in patching, cloth and stockinet darning, cutting simple garments, etc. Instructor Linford.

b. **Drafting, Cutting and Fitting**; required of all first year students in the Domestic Arts Course; three hours a week during the second term. The object of this course is to enable each member of the class to draft, cut, and fit garments correctly. Before the course is completed each student is made familiar with the management of a sewing machine in running seams, hemming, puffing, binding, etc. Instructor Linford.

c. **Dressmaking**; required of all second year students in the Domestic Arts Course; five hours a week throughout the year. An advanced course in drafting, cutting and fitting, and general dressmaking. Instructor Linford.

d. **Art Needle-Work**; required of all third year students in the Domestic Arts Course; four hours a week throughout the year. Instruction is given in making lace, the various kinds of embroidery, hemstitching, drawn work, etc.

e. **Household Economics**; required of first year students in the Domestic Arts Course; elective to others; two hours a week during first two-thirds of the year. A course treating the most scientific and economic methods of home making, arrangement, furnishings, and decorations of the rooms, so as to make them attractive without costly furnishings. Instructor Homer.

f. **Laundry Work**; required of first year students in the Domestic Arts Course; two hours a week the last third of the year. A series of lectures on the best methods of washing and ironing linens, muslins, silks, woolen materials, colored prints, and the laundering of shirts, collars, and cuffs; the removal of stains. The materials used in the laundry—water, soaps, starches, and blueings—will be scientifically considered. The course of lectures will be followed by practical work in the laundry. Instructor Homer.

g. **Cooking I**; required of second year students in the Domestic Arts Course; five hours a week throughout the year. Foods will be studied as to their sources, composition, processes of manufacture, adulteration, nutritive value, and digestibility. The best methods of cooking and serving each of the staple food substances will be treated in the class and demonstrated by each student in the kitchen. Instructor Homer.

h. **Fruit Work**; required of third year students in the Domestic Arts Course, three hours a week first third of year. A study of the canning and the bottling of fruits; making of all kinds of preserves, jams, jellies, marmalades; ketchups, pickles, spiced fruits, sauces, and meat relishes. The lectures will treat of the chemistry of fruits, their acids and sugars; causes of fruit fermentation; and the value of fruits as a food. Instructor Homer.

i. **Cooking II**; required of third year students in the Domestic Arts Course; three hours a week last two-thirds of the year. This course includes practical work in plain and fancy cooking; in making the different kinds of breads; also a study of the best methods of cooking and serving meats, vegetables, and desserts. A three course lunch is served during winter months, when members of the class take turns in acting as hostess and waiting upon the table. Instructor Homer.

j. **Art of Nursing**; required of fourth year students in the Domestic Arts Course; four hours a week during the first term. A lecture course treating some of the fundamental principles involved in nursing the sick. In addition to the lectures, a course of supplementary reading will be outlined, each student being required to report in writing a summary of the books read.

k. **Chemistry of Foods**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. In this course foods are studied and their composition determined experimentally. The common foods are separated into their constitutents and the effects of different methods of cooking are noted. Tests, both chemical and microscopical, are made for adulterations. The changes in food during the process of cooking are noted and the losses and gains determined.

l. **Hygiene and Sanitation**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. This course treats of the sanitary conditions of the home and surroundings; evil effects of damp and unclean cellars, and defective drains; heating, lighting, and ventilation. Instruction will be given, which is especially important to young women, on the care of personal health.

m. **Cooking III**; required of fourth year students in the Domestic Arts Course; four hours a week during the first term. The student is taught to make salads, cakes, pastries, puff paste. custards, creams, puddings, ices, and candies; and instruction is given in laying tables for dinner and lunch parties and in waiting on the table. The students have practice in cooking meats and vegetables for the lunches during the winter months.

n. **Invalid Cooking**; required of fourth year students in the Domestic Arts Course; four hours a week throughout the year. This course treats of the best foods to be given in different diseases, with practice in the preparation and serving of foods.

o. **The Science of Nutrition**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. A careful consideration of the different foods with reference to their chemical composition, nutritive value, digestibility, and the amount and kinds required by persons in different occupations and climates. Works on the subject by the best authors will be read as supplementary work.

AGRICULTURAL SCIENCE.

The courses outlined below aim to meet the growing demand for instruction in subjects that have in view the preparation of young people for industrial pursuits at the same time that they are receiving the usual intellectual development of the high school and the college. The work will be thorough, and equal to similar courses in the various institutions of the West. The proprietors of the Logan Nurseries have kindly placed at the disposal of the College their extensive greenhouses, orchards, and propagating grounds for practice in horticulture and floriculture. The excellent farms and breeds of cattle, horses, sheep, swine, owned by citizens in and near Logan furnish opportunity for practical study. The instruction being given by persons who have had considerable experience on the farm, is of such a character that it can be put into practice.

a. **Agriculture**; required of students in the Industrial, and elective in the Normal Course; four hours a week throughout the year. Instruction in this course includes a general view of soils and their preparation for crops; irrigation; drainage; the use and care of farm implements and machinery. Farm crops are considered with special reference to their economic agricultural value, and best methods of management; farm accounts; business customs; and plans for farm buildings. The aim of the course is to fit young men for more successful farming, and to correlate the usual college and high school subjects with practical affairs in such a way that the education received will be of the greatest use in life. President Linford.

b. **Animal Husbandry**; required of male students in the Industrial, and elective in the Normal Course; five hours a week during the first term. This course gives instruction in the breeding, care, and management of horses, dairy and beef cattle, poultry, sheep, and swine; the improvement of native cattle and the formation of new breeds; dairying and the care of milk; methods of creaming and churning. Principles of stock-breeding, stock-raising and stock judging are considered. President Linford.

c. **Horticulture**; required of male students in the Industrial, and elective in the Normal Course; five hours a week during the second term. A study of the structure, habits, and growth of plants; their modification by climate, soil, and other relations; the development of cultivated plants; propagation of plants by seeds, cuttings, grafting, and budding; gardening and trucking; orchards and small fruits; planting, pruning, spraying, marketing; floriculture, and ornamental gardening.

d. **Plant and Animal Parasites**; required of male students in the third year of the Industrial Course, elective to others; three hours a week during the first term. A study of those animals and fungus plants that are the enemies of our economic plants. Methods are given for the diagnosis of the principal plant diseases with a view to pointing out the way of destroying the parasites that cause them.

e. **Practical Entomology**; required of male students in the third year of the Industrial Course, elective to others; three hours a week during the second term. A study of the anatomy and development of insects; those forms injurious to vegetation, especially farm, orchard, and garden pests receive special attention. Enough of the principles of classification is given to enable the student to identify the most common species. Special methods for the extermination of the most common pests are considered.

f. **Soils and Fertilizers**; required of male students in the fourth year of the Industrial Course. Soil is first studied with respect to its origin and formation; then its chemical and physical properties are investigated to determine it productiveness. Methods of improving the physical and chemical conditions are given. Assistant Professor Ridges.

g. **Agricultural Physics**; required of male students in the third year of the Industrial Course; three hours a week during the second term. The designing and construction of farm buildings, and implements; ventilation, and the regulation of temperature in farm buildings; care of machinery, its construction and use; the building of fences and the construction of roads. Instructor Merrill.

MECHANIC ARTS.

INSTRUCTOR A. N. MERRILL.

a. **Carpentry I**; four hours a week throughout the year. Instruction is given in measuring, marking, sawing, planing, splicing, joint-making, mortising, dovetailing, elementary wood-turning, elementary furniture-making, and furniture-repairing.

b. **Carpentry II**; five hours a week throughout the year. A course in cabinet-making and wood-turning. The student is also made familiar with the use of the principal forms of wood-working machinery.

c. **Carpentry III**; five hours a week throughout the year. Advanced work is offered in joinery, applying the principles already learned; in house-building; and in general carpentry. Pattern-making is made an important part of the course.

d. **Carpentry IV**; five hours a week throughout the year. During this year the students are allowed to work along the special lines of carpentry for which they are best adapted. Special instruction is given in wood-carving and advanced cabinet-making.

e. **Mechanical Drawing**; two hours a week throughout the year. Use of instruments, solution of geometrical problems, inking and tinting, principles of projection, working sketches, simple machines. Lectures and laboratory work.

ART.

INSTRUCTOR WRIGHT.*
INSTRUCTOR CLARK.

The educational value of art as an aid in acquiring accurate observation, in training the judgment, as well as in developing an appreciation of the beautiful and artistic, is generally recognized. In connection with other branches of education, it gives expression to thought where ordinary language would fail; particularly is this the case in the study of natural history.

Perspective, designing, decorating, illustration, and composition are taught in their proper order in the courses outlined.

a. **Free Hand Drawing**; required of all first year students in the Normal and Domestic courses; two hours a week throughout the year. This course consists of pencil and charcoal drawings from plaster casts, the human figure, still-life and out-of-door subjects. Composition and decoration receive attention, as does also clay-modeling from plaster casts and other objects, together with such work in color as is needed in the treatment of decoration and representation. Some of the simpler problems of perspective are introduced as needed.

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*In Paris on leave of absence.

b. **Drawing**;* open to any one. Drawing from plaster casts, still-life, and landscapes, with charcoal, pencil, crayon, or black water-color.

c. **Modeling**;* open to any one. Modeling from still-life, plaster casts, and life with clay.

d. **Painting**;* open to any one. Painting from still-life landscape, and the human head with oil or water colors.

MUSIC.

INSTRUCTOR ROBINSON.

INSTRUCTOR HARRIS.

The work in music is arranged to meet the growing demand for musical culture, both vocal and instrumental. Instruction is given on the Violin, the Piano and other popular instruments; in singing and elementary theory. The work is systematic and aims to develop in the student a love of music. In addition to the regular outlined courses, a choir is organized to furnish music for devotional exercises and college entertainments. Supplementary to the usual practice on hymns, anthems, glees, etc., an operetta and an oratorio will be studied.

a. **Vocal Music I**; two hours a week throughout the year. In this course a thorough drill is given in sight-reading, the training of the ear, rhythm, time names, notation, key, relation of keys, modulation, part singing, and elementary voice culture. Instruction is given in the theory of teaching vocal music, thus making the course of special value to Normal students. Instructor Robinson.

b. **Vocal Music II**; two hours a week throughout the year. This course is outlined for Missionary students; and it aims to give a good idea of time, rhythm, tune, tone production, part singing. Special attention is given to hymn, chorus, and quartet work. Instructor Robinson.

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*These courses will not be given during the year 1902-03.

VIOLIN.

INSTRUCTOR HARRIS.

c. *First Year.* Violin school by David; Studies by Schradieck and Kreutzer; easy solo pieces.

d. *Second Year.* David's school, studies by Fiorilli; pieces of like grade; ensemble playing.

e. *Third Year.* Studies by David and Rhode; easy concertos by Rhode, Kreutzer and others; ensemble playing.

f. *Fourth Year.* Studies by David; concertos by Bruch, Mendelssohn, Sophr, Wieniawski; ensemble playing.

PIANOFORTE.

INSTRUCTOR ————

g. *First Year.* Rhythm; key board; scales; intervals; easy pieces.

h. *Second Year.* Technique; easy studies and pieces by Gurlitt, Clementi, Bertini, and others.

PHYSICAL EDUCATION.

ASSISTANT PROFESSOR RIDGES.
INSTRUCTOR PERRY.
INSTRUCTOR KEMP.

The work in the department of physical education is given with a view of properly caring for the physical and hygienic interests of the students, along with their spiritual, moral, and intellectual training. In the new gymnasium ample facilities are afforded for thorough and efficient work.

All preparatory, and first year students in the high school courses are required to devote at least two hours a week to regular work in physical culture. In addition to this, two courses are offered as optional to students beyond the first year.

Various athletic teams are organized under the supervision of the Director of the Gymnasium, and every encouragement is given to students who desire to do profitable and systematic work on the field.

Field athletics are controlled by an advisory board, consisting of the Faculty Committee on Athletics and Amusements, and one representative of the alumni, elected annually by the Alumni Association. This board advises the students in all their sports and has charge of indoor and outdoor meets, and of intercollegiate and other contests.

FOR WOMEN:

a. **Physical Culture I**; required of students in the Preparatory Course and in the first year of high school courses; twice a week from October to May. The work consists of tactics, gymnastic exercises, based on both the Swedish and German systems, and drill with light and heavy apparatus. Instructor Perry.

b. **Physical Culture II**; open to those who have completed course a or an equivalent; two hours a week from October to May. This work consists mainly of exercises with heavy apparatus; fancy steps, marches, etc. Instructor Perry.

FOR MEN:

c. **Physical Culture III**; required of students in the Preparatory Course and in the first year of high school courses; two hours a week, gymnasium practice from November to April. This course consists of vigorous, systematic work with light and heavy apparatus in connection with games suitable for the winter months. Instructor Kemp.

d. **Physical Culture IV**; open to those who have completed course c; two hours a week from November to April. This is an advanced course in light and heavy gymnastics. Special attention is given to measurements by the Sargent system. Assistant Professor Ridges.

MISSIONARY COURSE.

a. **Church History**; five hours a week during the first term. In this course a rapid survey is taken of the apostacy from the early Christian Church, its causes and extent, the religion of the Middle Ages, the reformers and their work, the ushering in of this dispensation, the coming forth of the Book of Mormon, the persecutions of the Latter-day Saints and their exodus to the Rocky Mountains. Assistant Professor Skidmore.

b. **Modern Revelation and the Book of Mormon**; five hours a week during the second term. A study of the principal revelations given in this dispensation in the order of reception; and also a brief account of the Book of Mormon history and teachings. Assistant Professor Skidmore.

c. **Principles of the Gospel**; five hours a week throughout the year. A course in the Principles of the Gospel, using *The Compendium* as a guide. Considerable practice in public speaking is required in this course. Special attention is given to Gospel Ordinances. Professor J. F. Miller.

d. **Scripture Reading**; three hours a week throughout the year. During the first term passages for reading and study are selected from the *Old Testament*. During the second term passages from the *New Testament* are treated in a similar way. The aim of this course will be to familiarize the student with the Bible, to train him to read and explain in an intelligent manner the passages used by him in his missionary experience. Instructor Robinson.

e. **English**; five hours a week throughout the year. In English the student is taught the elements of English Grammar, spelling, letter-writing, punctuation, and other related subjects. Instructor Henderson.

PREPARATORY COURSE.

a. **Bible Readings**; three hours a week throughout the year. In this course, the teacher selects choice passages from the Bible, and the students, after studying these, read and discuss them in the class. The aim is to cultivate in students an appreciative reading of Biblical literature. Instructor Homer.

b. **English**; five hours a week throughout the year. This course comprises a study of English Grammar and Composition, together with such related subjects as orthography and punctuation. One written exercise is required each week. Instructor Kemp.

c. **Arithmetic**; five hours a week throughout the year. This course consists of a study of the fundamental principles of Arithmetic; decimal and common fractions; denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight. United States money; measurements; and the simpler cases of percentage. Instructor Bullen.

d. **Geography**; three hours a week throughout the year. The subject is treated by the topical method, lectures and text-book lessons. Numerous works of reference are placed in the library to assist the students in the preparation of their work. Instructor Homer.

e. **United States History**; two hours a week throughout the year. The regular subjects of United States History, such as the periods of discovery and colonization, together with the political and industrial development of the country, are treated in such a way as to prepare students for the more advanced work in American History in the high school courses of the College. Instructor Kemp.

SUMMER SCHOOL

JUNE 8 to JULY 10, 1903.

The fact that public school teachers generally find it difficult to break away from their work in order to take up extensive courses of study, has seemed a sufficient reason for establishing a Summer School in connection with the College. Although but two sessions have been held, the response has been so hearty that a summer course of study is being looked upon by the College authorities as a permanent necessity.

A large number of the regular College Faculty hold themselves in readiness to give any course in their respective departments which may be called for by a sufficient number of students to warrant the formation of a class.

Whenever the work done is equivalent to the regular work of the College, credit is given on the records. Teachers, therefore, who are working for State certificates or diplomas will find this a convenient way of making up their deficiencies in particular branches. Students, also, who, for any reason fall behind their classes, find this the best means of passing off the subjects in which they are behind.

The courses given naturally vary from year to year to suit the convenience of students. Review classes, however, in the common branches are organized every year. In addition, the following courses were given during the summer of 1902: Rhetoric, American Literature, Latin, Physics, Botany, Kindergarten, History of Education, Stenography, Typewriting, and General History.

The privileges of the library, museum, and laboratories are extended to students of the Summer School in the same way as to regular students of the College.

LIBRARY AND MUSEUM ACCESSIONS.

LIBRARY ADDITIONS.

Among those to whom the Library is indebted for books and other favors received during the year 1901-02 are Hon. J. L. Rawlins, Hon. Thomas Kearns, Hon. George Sutherland, Prof. J. L. Gibson, Prof. John T. Miller, Mr. H. A. James, Mr. Samuel Pike, Skelton & Co., the several National Departments and Bureaus at Washington, state superintendents of public instruction, various normal schools, colleges. and universities of the United States.

The Library is especially indebted to the members of the Class of 1901, who donated the complete works of Jane Austen, Scott, George Eliot, Hawthorne, and Poe.

PERIODICALS CONTRIBUTED.

TITLE.	WHERE PUBLISHED.	DONORS.
Box Elder News	Brigham City.	Publishers
Deseret Evening News, daily	Salt Lake City.	"
Fremont Journal	Rexburg, Idaho.	"
Improvement Era, monthly	Salt Lake City.	"
Juvenile Instructor,	Salt Lake City.	"
Journal, tri-weekly	Logan.	"
Korrespondenten	Salt Lake City.	"
Nation, semi-weekly	Logan	"
Paris Post, weekly	Paris, Idaho.	"
Republic, weekly	Nephi.	"
Rich County News	Randolph.	"
Salt Lake Herald, daily	Salt Lake City.	"
Standard, daily	Ogden.	"

Beobachter	Salt Lake City,	Utah
The Vernal Express	Vernal, Utah.	”
Der Stern	Berlin.	”
Everybody's Magazine	Philadelphia.	”
The National Homemaker,	Washington.	”
Louisiana Exposition Bulletin	St. Louis.	”
Our Dumb Animals	Boston.	“
Land of Sunshine	Los Angeles.	”
Advocate of Peace	Boston.	”
The Wasatch Wave	Heber City.	”
The General News	Malad, Idaho.	”
The Richfield Reaper	Richfield, Utah.	”
Tooele Transcript	Tooele.	”
University Chronicle, weekly	Salt Lake City.	”
Utonian, weekly	Beaver.	”
Weber County Times	Ogden.	”
Sunset	San Francisco.	”

PERIODICALS FURNISHED.

TITLE.	WHERE PUBLISHED.
Atlantic Monthly	Boston.
Century Magazine, monthly	New York.
Eclectic Magazine, monthly	”
Education, monthly	Boston.
Forum, monthly	New York.
Harper's Monthly	”
Literary Digest, weekly	”
North America Review, monthly	”
Popular Science Monthly	”
School Journal, weekly	”
School Review, monthly	Chicago.
Scribners Magazine, monthly	New York.
Tribune, weekly	”
World, Thrice-a-week	”
Youth's Companion, weekly	Boston.
Review of Reviews, monthly	New York.
Success, monthly	”

Woman's Home Companion, monthly	New York.
Ladies' Home Journal, monthly	Philadelphia.
Our Dumb Animals	Boston.
Records of the Past	Washington.
John Hopkins University Studies	Baltimore.

DONATIONS TO THE MUSEUM.

During the year 1901-02, the College Museum received the following contributions:

Fossil-bearing stone from Morgan County, Ky.	Hugh Roberts, Logan, Utah.
Calcareous tufa from Logan Canyon	Job. W. Morrell, Logan, Utah.
Thirty-two pieces of Florida woods,	Joseph A. Godfrey, Clarkston, Utah.
Arrow heads	Wm. Hall, Huntsville, Utah.
Human bones from Haley's mill, Christian County, Kentucky	Geo. Stevenson, Lewiston, Utah.
Mortar and Peistle	Roy Bullen, Richmond, Utah.
Mygale Henzi	George J. Linford, North Ogden, Utah.
Volcanic Rock from mountains north of Red Rock Pass, Idaho	D. P. Woodland, Downey, Ida.
One starfish, two pieces of piling eaten by marine animals, Walrus tusk, piece of cable, two pieces of agate, sand dollars from Puget Sound, Barnacles attached to various articles, lizard, newt, milliped and a number of mollusk shells	Orson P. Thatcher, Logan, Utah.
The following articles from Samoa: Shells used by natives of Samoa in rebellion of 1899; piece of rope from war canoe of Samoans; jar of bread fruit; mulberry wood and its bark in the various stages of manufacture into native cloth; piece of cocoanut wood; rope made from fibre of cocoanut husk; edible worms	Goe. H. Blood, Kaysville, Utah.
Two horned toads	Matilda Peterson, Paris, Idaho.
Five pieces of Fossil-bearing rocks	John Dean, Woodruff, Utah.

Fish, a bottle of millipeds, centipeds, two species of brittle stars, crabs, young eel, sea-urchins and holothurians	R. A. Dawdle, College, Utah.

ALUMNI ASSOCIATION.

The Alumni Association was organized in May, 1893. All those who hold diplomas or certificates of graduation from any of the courses of the College, and those holding special certificates for work completed in the College prior to 1890, are eligible to membership.

The object of the association is to promote in every proper way the interests of the College and to perpetuate among the graduates a feeling of regard for one another and of attachment to their Alma Mater. The association meets annually on the day of Commencement.

OFFICERS FOR 1901-1902.

President	F. K. Nebeker '89.
Vice-President	Della Torgeson '97.
Secretary	D. R. Roberts '90.
Treasurer	Kate L. Davenport '99.
Member of Athletic Board	George L. Swendsen '91.

TWENTY-THIRD ANNUAL COMMENCEMENT.

LIST OF GRADUATES 1901.

GENERAL SCIENCE.

(DEGREE OF BACHELOR OF SCIENCE.)

Charles Franklin Bowen	Samaria, Idaho

LETTERS.

(DEGREE OF BACHELOR OF LETTERS.)

Franklin Arza Hinckley	Morgan. Utah
Charles Henry Skidmore	Richmond, Utah

NORMAL COURSE.

Christian Wilford Kunz	Bern, Idaho
Lars Hyrum Peterson	Huntsville, Utah

ACADEMIC COURSE.

Roy Bullen	Richmond, Utah
George B. Hendricks	Lewiston, Utah
Henry Stocks	Lewiston, Utah

LIST OF STUDENTS.

1901-1902.

ARTS COURSE.

SENIOR.

Bowen, Albert Ernest	Logan,	Utah
Jensen, Daniel C.	"	"

SOPHOMORE.

Bullen, Roy	Richmond,	Utah
Hendricks, George B.	Lewiston,	"
Henderson, William Williams	Logan,	"
Jensen, George Christian	"	"
Kemp, John Henry	Lewiston,	"
Pehrson, Ernest William	Logan,	Utah

FRESHMAN.

Bitter, Charles	Logan,	Utah

ACADEMIC COURSE.

FOURTH YEAR.

Bergeson, Arthur	Lewiston,	Utah
Curtis, George N	Logan,	"
Hanson, Edward B	"	"
Morrell, Job William	"	"
Pond, Joseph LeRoy	Lewiston,	"

THIRD YEAR.

Campbell, Julia	Rosette,	Utah
Hall, Ernest Mosiah	Logan,	"
Maughan, Julia Annette	"	"
McCarrey, May	Richmond,	"
Norton, Joseph A.*	Logan,	"

SECOND YEAR.

Baker, John D	Mendon,	Utah
Chambers, Seth	Smithfield,	"
Hanson, Agnes Elnora	Logan,	"
Heiner, Charles	Morgan,	"
Lindsay, Edgar Charles	Nounan,	"
Martineau Allie	Logan,	"
Ricks, Rhea	"	"
Schow, Frederick Severin	Richmond,	"

FIRST YEAR.

Austin, Mark	Liberty,	Idaho
Blair, Samuel	Lewiston,	Utah
Barrett, Charles Elmer	Logan,	"
Beesley, George Taylor	Kaysville,	"
Boman, William Ariah	Lewiston,	"
Booth, Clarence Eugene	St. Charles,	Idaho
Cole, George	Paris,	Idaho
Dopp, Hyrum Smith	Lewiston,	Utah
Hendricks, Franklin D.	Richmond,	"
Hoff, Edmund Charles	Georgetown,	Idaho
Hoge, Walter Smith	Paris,	"
Jonsson, Carl Wilhelm	Logan,	Utah
Jackson, William Henry	Lewiston,	"
Larkins, Cora Genieve	Cove,	Idaho
Martineau, L. Royal	Logan,	Utah
Moses, Sylvia A	Smithfield,	"
Pond, Flora	Thatcher,	Idaho
Rich, Jesse Pemroy	Paris,	"
Rich, Daniel Coulson	"	"

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*Deceased.

Rich, Abel Sargent	Paris, Idaho
Stock, Ida Susie	Kemmerer, Wyoming
Thoresen, Eugene	Hyrum, Utah
Wright, Norris Bertie	" "
Young, Ernest Thomas	Perry, "

NORMAL COURSE.

FOURTH YEAR.

Bernhisel, John M., Jr.	Lewiston, Utah.
Curtis, Lula	Logan, "
Jensen, John Wilford	Hyrum, "
Jones, Margarette Elizabeth	Logan, "
Oleson, John Forest	Hooper, "
Roundy, Isabelle	Benson, "
Stocks, John Carter	Lewiston, "

THIRD YEAR.

Daines, Franklin D.	Hyde Park, Utah.
Hendricks, Marian	Richmond, "
Hill, Cynthia E.	Franklin, Idaho.
McKenzie, Mary Jane	Paradise, Utah.
Stuart, Daniel Henry	Wellsville, Utah.
Thompson, Herbert Hans	Clarkston, "
Wright, Mary Pearl	Richfield, "

SECOND YEAR.

Bryson, Margaret	Woodruff, Utah.
Cole, Edna	Logan, "
Cole, Cora May	Logan, "
Curtis, Zeeta	Logan, "
Darley, Saray Thirkell	Wellsville, "
Dixon, Riley	Clifton, Idaho.
Ericksen, Eldena Welhelmine	Preston, "
Fonnesbeck, Amy Matilda	Logan, Utah.
Hall, Rosabel	" "
Hendricks, Lafayette	Richmond, "
Jensen, Genie	Brigham, "
Knowlton, George Quincy	Farmington, "

Linford, Mamie	St. Charles,	Idaho.
Morris, Lottie	Rosette,	Utah.
Nelson, Mabel Lillian	Morgan,	"
Oleson, Parley Pratt	Hooper,	"
Peterson, Parley E.	Smithfield	"
Spiermann, Marie	Logan,	"
Wright, Ruby Maud	Richfield	"
Wakley, Ida Belra	Downey,	Idaho.

FIRST YEAR.

Allen, James Carson	Cove,	Utah.
Anderson, Emily	Logan,	"
Anderson, Hilda Agusta	"	"
Anderson, Jennis	Grantsville,	"
Barnes, Olive	Standrod,	Utah.
Baer, Maggie May	Providence,	Utah.
Bush, Leah Vyvian	Lehi,	"
Banks, Allen	Sterrett,	Idaho.
Cafferty, Lucy Alvira	Fairview,	"
Cash, Maggie Rilla	King,	Utah.
Chambers, Parley Calvin	Smithfield,	"
Christensen, Samuel	Hyde Park,	"
Cragun, Regenia	Smithfield,	"
Callan, Stephen James	Dayton,	Idaho.
Daines, Lyman Luther	Hyde Park,	Utah.
England, Ada Eliza	Logan,	Utah
Graham, Lila	Millville,	"
Godfrey, Joseph Adam	Clarkston,	"
Grover, George Frederizk	Garland,	"
Grow, Charles Isaac	Huntsville,	"
Hammond, Iva Gertrude	Millville,	Utah
Hendricks, Mary Lalene	Lewiston,	"
Hendricks, Nellie Ulene	Richmond,	"
Hendricks, Edith Maud	"	"
Hill, Agnes Jane	Logan,	"
Hull, Mary	Montpelier,	Idaho
Hatch, William Anson	Hatch,	"
Inglestrom, Albertina	Basalt,	"

Jardine, John Homer	Clarkston,	Utah
Jensen, Clara C	Hyrum,	"
Jensen, Joseph	Millville,	"
Jeppson, Royal Moroni	"	"
Johnson, Leah Amelia*	Logan,	"
Kennedy, Andrew Benjamin	Peterson,	"
Kimball, Lenora	Meadowville,	"
Kimball, Leonia	"	"
Kewley, Ray Mabel	Logan,	"
Larsen, Effie Celia	Hyrum,	"
Larsen, Louis William	Cove,	"
Leatham, Helen Larilla	Wellsville,	"
Leatham, Mary	Lima,	Montana
Lemmon, Sarah Adelia	Mendon,	Utah
Loveland, David Chauncy	West Portage,	"
McCracken, Sadie	Smithfield,	"
Miles, John Spence	Liberty,	Idaho
Morrison, George Leo	Franklin,	"
Neddo, Hannah Pearl	Providence,	Utah
Nelson, Peter Robert	Leorim,	Idaho
Nelson, Ella Claudia,	Fish Haven,	"
Ostlund, Jeanette	Logan,	Utah
Parkinson, Nette Smart	Franklin,	Idaho
Parkinson, Frank Nuttall	"	"
Parry, Vaughn	Logan,	Utah
Peterson, Mary	Smithfield,	"
Richards, Hyrum Smith	Fielding,	"
Richards, Artimesia Mani,	Mendon,	"
Richards, Marilla	"	"
Ricks, Heber George	Rexburg,	Idaho
Richards, Emma Jennie	Mendon,	Utah
Roskelley, Emma	Smithfield,	"
Rouche, Leo Delbert,	Millville,	"
Savage, Alvenia	Logan,	"
Savage, Birdie	Hyrum,	"
Sorenson, Edith	Mendon,	Utah.

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*Deceased.

Smith, Sarah Sophia	Richmond, Utah.
Sorenson, Lovina Christena	Geneva, "
Sorenson, Ella	St. Charles, Idaho.
Stewart, Agnes Matilda	Logan, Utah.
Stock, Inez Jane	Kemmerer, Wyoming.
Stowell, Ann Jenett	Logan, Utah.
Stowell, Vesta Menerva	" "
Shumway, Richard Franklin	Clarkston "
Tripp, Walter Webster	Richmond, "
Van Orden, Berneice Adella	Lewiston, "
Waite. Appy Leo	Hyde Park, "
Wangsgard, David Orson	Huntsville, "
Williamson, Maud Ella	Wellsville, "
Worley, Alice Levern	Logan, "
Wrathall, Eva	Grantsville, "
Zundel. Leona	West Portage, "

BUSINESS COURSE.

FOURTH YEAR.

Allen, David	Cove, Utah.
Larsen, Joseph Samuel	Paradise, "
Marler, Ezra Lewis	Lewiston, Utah.
Norris, Hyrum Job	Randolph, "
Stock, Edwin Ephraim	Fish Haven, Idaho.

THIRD YEAR.

Nelson, Lancelot Peter	Mantua, Utah.

SECOND YEAR.

Card, Pearl	Logan, Utah.
Geddes, Joseph Arch	Preston, Idaho.
Hammond, Thursa E.	Providence, Utah.
Henderson, David Williams	Oneida, Idaho.
Henderson, Robert Jesse	Oneida, Idaho.
Hendricks, Lottie Eugene	Richmond, Utah.
Hull, Alvin Charles	Whitney, Idaho.
Jenkins, Anna	Samaria, "
Lau, Emma Dorothy	Soda Springs, "

Mitchell, Milton R.	Logan,	Utah.
Moses, Wilford	Smithfield,	"
Oldham, Winifred	Paradise,	"
Reese, George LeRoy	Benson,	"
Roundy, Joseph Moroni	"	"
Sonne, Alma	Logan,	"
Shurtliff, Ray	Baker,	Oregon.
Williams, William W.	Samaria,	Idaho.
Wilcox, Eunice Sophrona	Logan,	Utah.
Wright, William	Hyrum,	"

FIRST YEAR.

Allen, Sinda	Rockland,	Idaho.
Amussen, Joseph	Logan,	"
Amussen, Julia Fredriksen	"	"
Andrews, Silas T.	Oxford,	Idaho.
Bird, Charles	Mendon,	Utah.
Bullen, Newell Jr.	Richmond,	"
Benson, Ezra T.	Trenton,	"
Croshaw, Laura Lloyd	Oxford,	Idaho.
Christiansen, James William	Newton,	Utah.
Davenport, Ona R.	Hood River,	Oregon.
Dean, Harry	Spring Valley,	Wyoming.
Edwards, Thomas	Logan,	Utah.
Edwards, Annie Rachael	"	"
Edwards, William Lewis	"	"
Ellingford, Daniel Charles	Morgan	"
Evans, David Henry	Oneida,	Idaho.
Fife, Albert James	Providence,	Utah.
Fuhriman, Arnold Jacob	"	"
Hammond, David Darel	"	"
Hanks, Leland	Logan,	Utah.
Hatch, Electa Francis	Hatch,	Idaho.
Henderson, Rebecca	Oneida,	"
Hendricks, Hattie May	Richmond,	Utah.
Hogan, Walter	Thatcher,	Idaho.
Hogan, Bergetta	"	"
Jenkins, William Clayton	Logan,	Utah.

Jensen, Parley Pratt	Thatcher, Idaho.
Larkins, Amy Caroline	Cove, "
Larsen, David	Cove, Utah.
Larsen, William Harmond	Logan, "
Lewis, George Arthur	Lewiston, "
McAlister, Venna Harriet	Logan, Utah.
Merrill, Jeddie	Bennington, Idaho.
Morrison, Della Bonnifield	Challis, "
Neddo, Isaac James Jr.	Providence, Utah.
Packer, James Manuel	Franklin, Idaho.
Pitkin, Ethel Evidean	Millville, Utah.
Parkinson, Afton	Logan, "
Ralph, Heber John	Rockland, Idaho.
Roper, Suel	Preston, "
Richards, Emer	Mendon, Utah.
Shelby, Leroy	Randolph, "
Stoddard, Arvin Judson	Cardston, Canada.
Sorenson, Jens L.	Blackfoot, Idaho.
Stohl, David Oscar	Brigham, Utah.
Sorenson, John Cornelius	Lago, Idaho.
Wheeler, Bertha	Oneida, Idaho.
Wilson, Florence Lauretta	Logan, Utah.
Woodland, Joseph Morrison	Oneida, Idaho.
Woodland, Daniel P.	Downey, "
Wallantine, Mabel	Paris, "

SHORT BUSINESS COURSE.

SECOND YEAR.

Archibald, Joseph Halliday	Clarkston, Utah.
Cardon, Bartlie Temple	Logan, Utah.
Mattson, Bertha	Ogden, Utah.
Nelson, Leonidus Joseph	Mantua, "
Parkinson, Hazel Smart	Franklin, Idaho.

FIRST YEAR.

Bowen, Edith Vilate	Samaria, Idaho.
Budge, William Arthur	Paris, Idaho.

Bramwell, Franklin Charles	Legrande,	Oregon.
Cantwell, Evelyn Maud	Logan,	Utah.
Cole, Mamie	Logan,	Utah.
Cook, Lewis	Woodruff,	"
Dahle, Moses M	Rigby,	Idaho.
Fifield, Thomas Alma	Weston,	Idaho.
Gardner, Lillian C	Montpelier,	Idaho.
Hamp, Owen	Logan,	Utah.
Hanson, Oliver	"	"
Harrison, Ida	Richmond,	"
Hendricks, Orval Edwon	"	"
Hind, Joseph Henry	Smithfield,	"
Hoge, William Budge	Paris,	Idaho.
Hoopes, George Albert	Weston,	"
Harding, Daniel	Morgan,	Utah.
Jensen, Elijah	Geneva,	"
Jensen, Maud Creista	"	"
Jensen, Lars Mentor	Logan,	Utah.
Larsen, Noah	College,	"
Larsen, William Henry	Logan,	"
Low, James Walter	Cardston,	Canada.
McKay, Heber Jethro	Huntsville,	Utah.
McKenzie, Crissie	Paradise,	Utah.
Mercer, Jared Alma	Magrath,	Canada
Miles, Edwin Ruthoen	Smithfield,	Utah.
Miles, Ellen	Paradise,	"
Morrell, Joseph	Logan,	"
Nielson, Niels Peter	Pocatello,	Idaho.
Nielsen, John Alma	Logan,	Utah.
Pettingill, Ulysses	Willard,	"
Porter, Frank Barnard	Logan,	"
Preston, Lorin William	Weston,	Idaho.
Parkinson, Geo. T.	Logan,	Utah.
Smith, Hannah	"	"
Sessions, Franklin	Chesterfield,	Idaho.
Sorenson, Sern Peter Andrew	"	"
Smith, Samuel	Egin,	"
Thatcher, Davis Raymond	Logan,	Utah.

Wakley, Willard	Downey,	Idaho.
Wakley, George Nelson	"	"
Welker, Logenia	Woodruff,	Utah
Wood, Ellis	Willard,	"
Watterson, Alma	Logan,	"

SHORT DOMESTIC COURSE.

FIRST YEAR.

Brossard, Nellie	Logan,	Utah.
Cressall, Anne Irene	"	"
Cook, Edith Sarah	"	"
Elwell, Rachel	"	"
Farr, Persis	"	"
Hubbard, Lucy Jane	Willard,	"
Jensen, Bettie Hannah	Pocatello,	Idaho.
Jeppson, Stella	Millville,	Utah.
Johnson, Amy Luella	Logan,	"
Jonsson, Elsa	"	"
Larsen, Mary Ann	Newton,	"
Little, Nellie Elizabeth	Morgan,	"
Low, Ellen	Providence,	"
Marler, Helen Gertrude	"	"
Moses, Sylvia Arabella	Smithfield,	"
Mouritszen, Dagmar Lovinia	Logan,	Utah.
Packer, Luda	Franklin,	Idaho.
Parkinson, Elva	Hyrum,	Utah.
Perkins, Maggie Jane	Mapleton,	Idaho.
Pitkin, Lola May	Millville,	Utah.
Rich, Ethel May	St. Charles,	Idaho.
Rich, Luetta	"	"
Robbins, Emma	Logan,	Utah.
Stewart, Janie	St. Charles,	Idaho.
Terry, Maggie May	Logan,	Utah.
Thomson, Jennie Victoria	"	"

MISSIONARY COURSE.

Anderson, Hyrum	Hyrum, Utah.
Allen, Francis A.	Richmond, "
Allen, Solomon	Cove, "
Allen, Joseph Elijah	" "
Anderson, Gustave Anders	Logan, "
Baxter, R. Leroy	Wellsville "
Crowther, Joseph Henry	Logan, "
Fackrell, William Edwin	Randolph, "
Farr, Lucian Coridan Jr.	Logan, "
Green, Charles Henry	Elwood, "
Garr, Willard	Millville, "
Gibby, George Edward	Morgan, "
Grunder, Frederick Jr.	Logan, "
Hansen, Eugene Siverene	Collinston, "
Hansen, Alma	Hyrum, "
Hansen, Amer Eugene	Brigham City, "
Heiner, Heber J.	Morgan, "
Hibbard, John	Logan, "
Hochstrasser, Alma	Cardston, Canada.
Hansen, Richard Torvall	Bear River City, Utah.
Harris, Alexander Wells	Cove, "
Higginson, George Taylor	Hatch, Idaho.
Hubbard, William Curtis	Willard, Utah.
Hunsaker, Israel Jr.	Honeyville, "
Jensen, Joseph Eli	Brigham, "
Jensen, Emil George	" "
Jensen, Walter Anton	College, "
Jorgensen, Lola Evertt	Hyde Park, "
Jeppsen, Nels Peter	Geneva, "
King, Culbert Levi	Coyote, "
Ladle, John James	Mendon, "
Lau, Arthur Frederick	Soda Springs, Idaho.
Leishman, John W.	Logan, Utah.
McCulloch, Levi Hamelton	Coyote, "
Nyman, Albert	Logan, "
Nielsen, Andrew	Hyde Park, "

Norris, William Albert	Randolph, Utah
Oleson, Samuel Warren	Hooper, “
Phillips, Victor Vern	Brigham City, “
Ricks, Silas	Benson, Utah.
Stewart, Israel	Logan, “
Sorenson, Peder Christian	“ “
Sterrett, Simon Ralph	Cove, “
Shipley, William Cecil	Paradise “
Shirtliff, Arnold R.	Logan, Utah.
Smart, Mrs. Minnie	Franklin, Idaho.
Scott, Daniel	Millville, Utah.
Tarbett, Loyal	Logan, “
Williamson, James Ernest	Wellsville, “
Williamson, William Maughan	Wellsville, “
Wuersten, John Alfred	Logan, Utah.
Zollinger, Joseph H.	Providence, Utah.

PREPARATORY COURSE.

Allred, Parley Leon	Paris, Idaho.
Alme, Ingolff	Logan, Utah.
Barrett, Edward	Montpelier, Idaho.
Bingham, Benjamin Franklin Jr.	Trenton, Utah.
Boden, James	Dayton, Idaho.
Bowen, John David	Arbon, Idaho.
Baxter, James Park	Wellsville, Utah.
Call, Oel Facer	Rigby, Idaho.
Clark, Rossy Maretta	Afton, Wyoming.
Crofts, Robert Smith	Basalt, Idaho.
Dalrymple, Dexter Davis	Wardborough, “
Davis, Woodwell Williams	Samaria, “
Dixon, Chloe Ann	Clifton, “
Fenn, Jay	Logan, Utah.
Geddes, Estella Esther	Preston, Idaho.
Gray, Sarah Ellen	Perry, Idaho.
Gray, Andrew	“ “
Hansen, Orson Wilford	Logan, Utah
Hall, Hyrum	Garland, “

Hansen, Christian ....Iona, Idaho.
Hart, Erma Birdno ....Paris, "
Hart, Elmira Emily .... " "
Harrison, Herbert ....Richmond, Utah.
Herd, William Noals ....Franklin, Idaho.
Ingelstrom, Ilgena Johana Helena..Basalt, Idaho.
Keller, Jesse ....Geneva, Utah.
Knowles, John Albert ....Lund, Idaho.
Martineau, Howard Nephi ....King, Utah.
Madsen, Charles ....Willard, Utah.
Martineau, Aurelia ....King, "
Merkley, Natheniel ....St. Charles, Idaho.
Morgan, John Samuel ....Liberty, Idaho.
Nelson, Sarah ....Bloomington, "
Norr, Edmond Olif ....Stone, "
Olive, Emma Charlotte ....Pocatello, "
Ricks, Thomas Edward ....Rexburg, "
Rigby, Erick William ....Logan, Utah.
Reed, John Levi ....Rockland, Idaho.
Shumway, William Peter ....Clarkston. Utah.
Smart, Mada ....Logan, "
Spackman, William ....Lewiston, "
Underwood, William Miles ....Oxford, Idaho.
Wahlstrom, Carl Alfred ....Laketown, Utah.
Williams, Hattie ....Perry, Idaho.
Williams, Ida May .... " "
Williams, Charles Leo .... " "
Woolley, Cora ....Paris, "
Clark William Henry, Jr ....Clarkston, Utah
Gibbs, James Memorial ....Tilden, Idaho
Schneider, Hyrum ....Logan, Utah
Ferry, John .... " "
Wakley, Francis ....Downey, Idaho

OPTIONAL STUDENTS.

Bernhisel, Nettie ....Lewiston, Utah.
Clark, Avery, ...Auburn, Wyoming.

Cook, Alonzo Jr.	Logan, Utah.
Crismon, Kenneth A.	Salt Lake City, Utah.
Dean, Matilda	Woodruff, Utah.
Dean, Lucy	Woodruff, Utah.
Geddes, Pearl	Preston, Idaho.
Hall, W. S.	West Portage, Utah.
Morris, James William	Rosette, Utah.
Parkinson, Lillian Nash	Hyrum, “
Pond, Marietta	Lewiston, Utah.
Roberts, Kate	Afton, Wyoming
Roskelley, Druzilla	Smithfield, Utah
Smart, Zella	Logan, “
Smith, Maud Marianna	“ “
Sorenson, Rebecca	Mendon, “
Spongberg, Thomas	Preston, Idaho
Williamson, Eva Clarissa	Wellsville, Utah

SPECIAL STUDENTS.

Bush, Virginia Adella	Lehi, Utah
Durfee, Olive	Logan, “
Heiner, Henry	Morgan, “
Jensen, Estella	Logan, “
Larsen, James Alma	Preston, Idaho
Maughan, Jennie Baxter	Wellsville, Utah
Pitkin, Leonard Curtis	Millville, “
Priday, Dora E	Logan, “
Roberts, Hugh	“ “
Wood, Frances	“ “

SUMMARY OF STUDENTS.

Arts:	
Seniors	2
Sophomores	6
Freshmen	1
Normal Course:	
Fourth Year (Freshmen)	7
Third Year	7
Second Year	20
First Year	80
Academic Course:	
Fourth Year (Freshmen)	5
Third Year	5
Second Year	8
First Year	24
Business Course:	
Fourth Year (Freshmen)	5
Third Year	1
Second Year	19
First Year	51
Short Business Course:	
Second Year	5
First Year	45
Short Domestic Course:	
First Year	26
Missionary Course	52
Preparatory Course	52
Special Students	64
Optional Students	18
Training-School	81
Summer School Students	46
Total	630

PROGRAMME OF RECITATIONS.

In small classes the time of recitation may be changed to suit the convenience of students.

SUBJECT.	SEC.	ROOM.	HOUR.	DAYS	INSTRUCTOR.
Algebra	1	2	9	Daily	Instructor Perry
“	3	2	10	“	“ “
Arithmetic—Commercial	2	E 3	9	“	“ Anderson
“ “	4	5	10	“	“ Bullen
Agriculture		6	2	T.W. Th.F	President Linford
Animal Husbandry, 1st term		8	10	Daily	“ “
Agricultural Physics		8	4	M.Tu Th.F	Instructor Merrill
Algebra II, 2d term		6	10	“	Profesor Chamberlin
“ III 1st “		6	9	M.W.F.	“ “
Arithmetic—Prep.		5	9	Daily	Instructor Bullen
Art Needle-work		E10	3†	“	“ Homer
Art of Nursing		*			
Book of Mormon I	1	15	11	M.Tu Th.F	Professor Hall
“	2	2	11	“	“ Ridges
“	3	9	11	“	“ Jensen
“	4	6	11	“	“ Chamberlin
“	5	4	11	“	Instructor Perry
Business Correspondence		1	12	Tu.Th.	Prof. Vernon, Anderson
Bible Readings—Miss.		1	1	M.W.F	Instructor Robinson
“ —Prep.		3	11	M.Tu Th.F	“ Homer
Bookkeeping I		7	2†	M.W.F	Prof. Bullen, Inst. Marler
“ II		12	2	M.Tu W.Th	“ “
Botany		10	10	M.W.F	Instructor Henderson
“ —Lab.		10	2†	Tu.Th.	“ “
Classics	1	1	10	Daily	Professor Vernon
“	3	1	9	“	“ “
Church History & Doct.		11	11	M.Tu Th.F	Professor Miller
Church History—Miss.		5	11	“	“ Skidmore

*Hours to be arranged on organization of class.

†Two hour periods.

SUBJECT.	SEC.	ROOM.	HOUR.	DAYS.	INSTRUCTOR.
Carpentry I		L1	†2	T.ThF	Instructor Merrill
" II		L1	†2	Daily	" "
" III		*			" "
" IV		*			" "
Commercial Law		12	9	M.W.F	Professor Bullen
Com. and Transportation		12	10	"	" "
Cooking I		E 1	†9	Daily	Instructor Homer
" II last ⅔ year		E 1	†2	M.W.F	" "
" III		*			" "
" IV		*			" "
Cutting, Fitting, 2nd term		E10	†2	M.W.F	Instructor Linford
Child Study		15	3	Tu. Th	Professor Hall
Civil Government		11	9	"	" Miller
Chemistry 1, 1st. term		L 2	10	M.W. Th.F	" Ridges
" II		L 2	9	Daily	" "
" of Foods		*			
Dressmaking		E 10	†1	Daily	Instructor Linford
Drawing		E 13	10	"	" Clark
Elocution		4	2	Tu. Th	" Perry
English—Miss.		9	9	Daily	" Henderson
English Literature		1	11	M.Tu Th.F	Professor Vernon
English—Prep.		E 12	10	Daily	Instructor Kemp
English—Elective		1	8	M.W.F	Professor Vernon
Education I		15	10	Tu. Th	" Hall
" II		15	9	M.Tu Th.F	" "
Ethics		*			" "
European History		11	2	Tu. Th	" Miller
French I		5	1	T,W. Th.F	Instructor Glardon
" II		5	12	"	" "
" III		*			" "
Fruit Work, first ⅓ year		E 1	†3	M.W.F	" Homer
Grammar	2	4	10	Daily	" Bush
"	4	4	9	"	" "
German I		3	2	T.W. Th.F	Professor Skidmore

*Hours to be arranged.
†Two hour periods.

SUBJECT.	SEC.	ROOM.	HOUR.	DAYS.	INSTRUCTOR.
German II		3	1	T.W. Th.F	Professor Skidmore
" III		*			Instructor Glardon
Greek I & II		*			
Geometry—plane	1	3	9	M.W.F	Professor Skidmore
" "	2	3	10	"	" "
" Solid, 2nd term		6	10	M.Tu W. F.	" Chamberlin.
Geology I, second term		9	10	"	" Jensen
" II		*			
Geography—Prep.		E 12	1	M.W.F	Instructor Homer
Household Economics		E 12	1	Tu. Th	" Homer
Horticulture, 2nd term		8	10	Daily	President Linford
Hist. Orient & Greece		11	8	"	Profeseor Miller
Hist. of Rome, 2nd term		11	8	"	" "
Hygiene and Sanitation		*			
History, U. S.—Prep.		E 12	1	Tu. Th	Instructor Kemp
" Elective		*			Professor Miller
" American		11	9	M W.F	" "
Invalid Cooking		*			
Latin I		6	1	M.Tu Th.F	" Chamberlin.
" II		*			
" III		*			
Mechanical Drawing		8	†9	Tu. Th	Professor Skidmore
Mathematics—Elective		*			" Chamberlin.
Old Testament		15	12	M.W.F	" Hall
Physiography	1	9	3	"	" Jensen
"	2	2	1	"	" Ridges
"	3	9	2	"	" Jensen
"	4	2	2	"	" Ridges
Penmanship	1	E 3	1	Daily	Instructor Anderson
"	2	E 3	2	"	" "
Plain Sewing, 1st term		E 10	†2	M.W.F	" Linford
Principles of the Gospel		11	10	Daily	Professor Miller
Physiology I		2	8	Tu. Th	" Ridges
Physics I		8	8	M.W.F	" Jensen
"		8	†2	Th.	" "

*Hours to be arranged.
†Two hour periods.

SUBJECT.	SEC.	ROOM.	HOUR.	DAYS.	INSTRUCTOR.
Physics—Elective		*			Professor Skidmore
Psychology I		15	10	M.W.F	“ Hall
Prac.Ent. & An. Paras'ts		10	1	T.W. Th.F	President Linford
Political Economy		11	1	M.W.F	Professor Miller
Physical Culture I	1	17	2	M. W.	Instructor Perry
“ “	2	17	3	“	“ “
“ “	3	17	3	Tu. Th	“ “
“ “ II		17	4	“	“ “
Physical Culture for men		*			Prof.Ridges, Inst.Kemp
Psychology II		*			Professor Hall
Rhetoric I	1	4	12	Daily	Instructor Bush
“ I	2	4	1	“	“ “
“ II		1	8	Tu. Th	Professor Vernon
Soils & Fertilizers	*				
Stenography	1	E 3	10	Daily	Instructor Anderson
“	2	E 3	3	“	“ “
Science of Nutrition		*			“ Homer
Theology—Elective		*			Professor Chamberlin
Typewriting	1	E 3	*		Instructor Anderson
“	2	E 3	*		“ “
“	3	E 3	*		“ “
“	4	E 3	*		“ “
Telegraphy		*			“ “
Trigonometry, 2nd term		6	9	M.W.F	Professor Chamberlin
Training—Normal		tr.sch'l	1	Daily	Profs. Hall and Jensen
Vocal Music		25	2	Tu. Th	Instructor Robinson
“ —Miss.		25	12	M. W.	“ “
Zoology		10	10	M.W.F	Instructor Henderson
“ Lab		10	†2	Tu. Th	“ “
“ & Botany—Elective		*			

*Hours to be arranged.
†Two hour periods.

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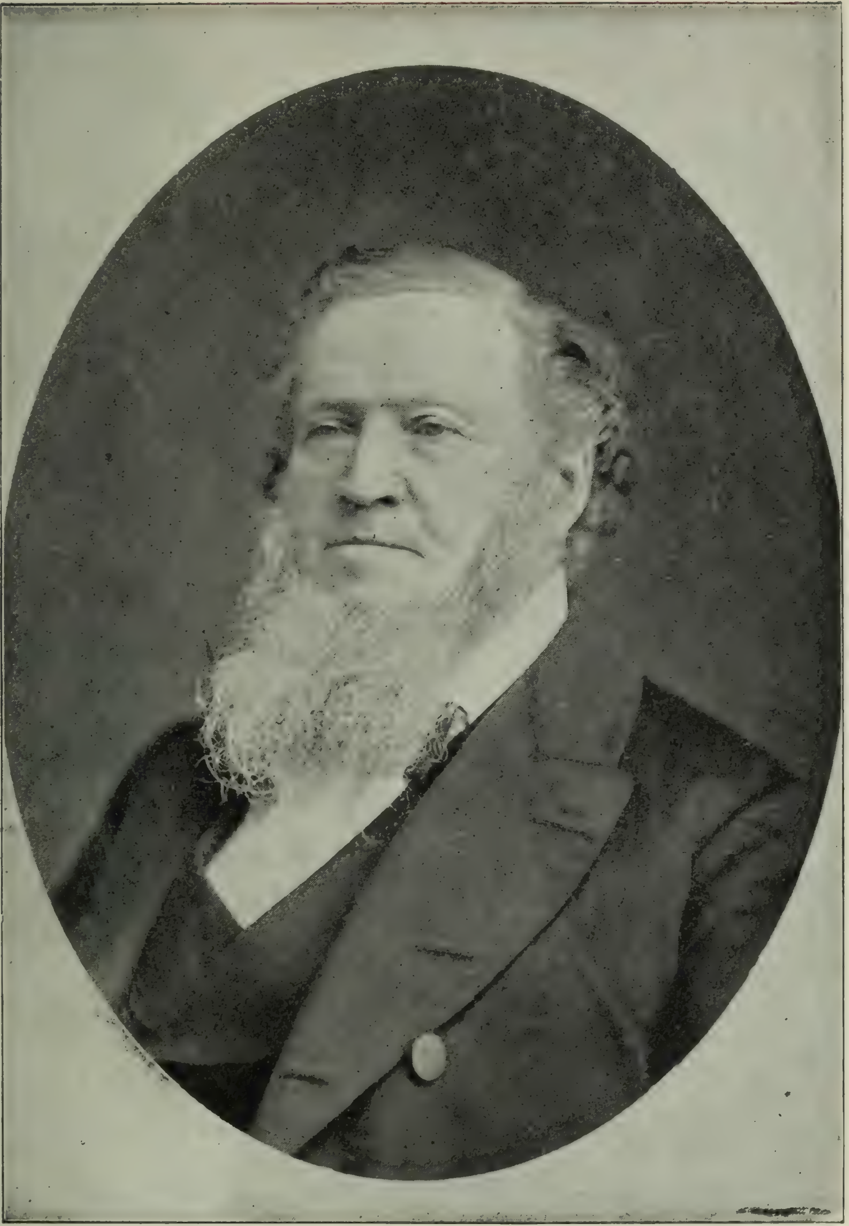
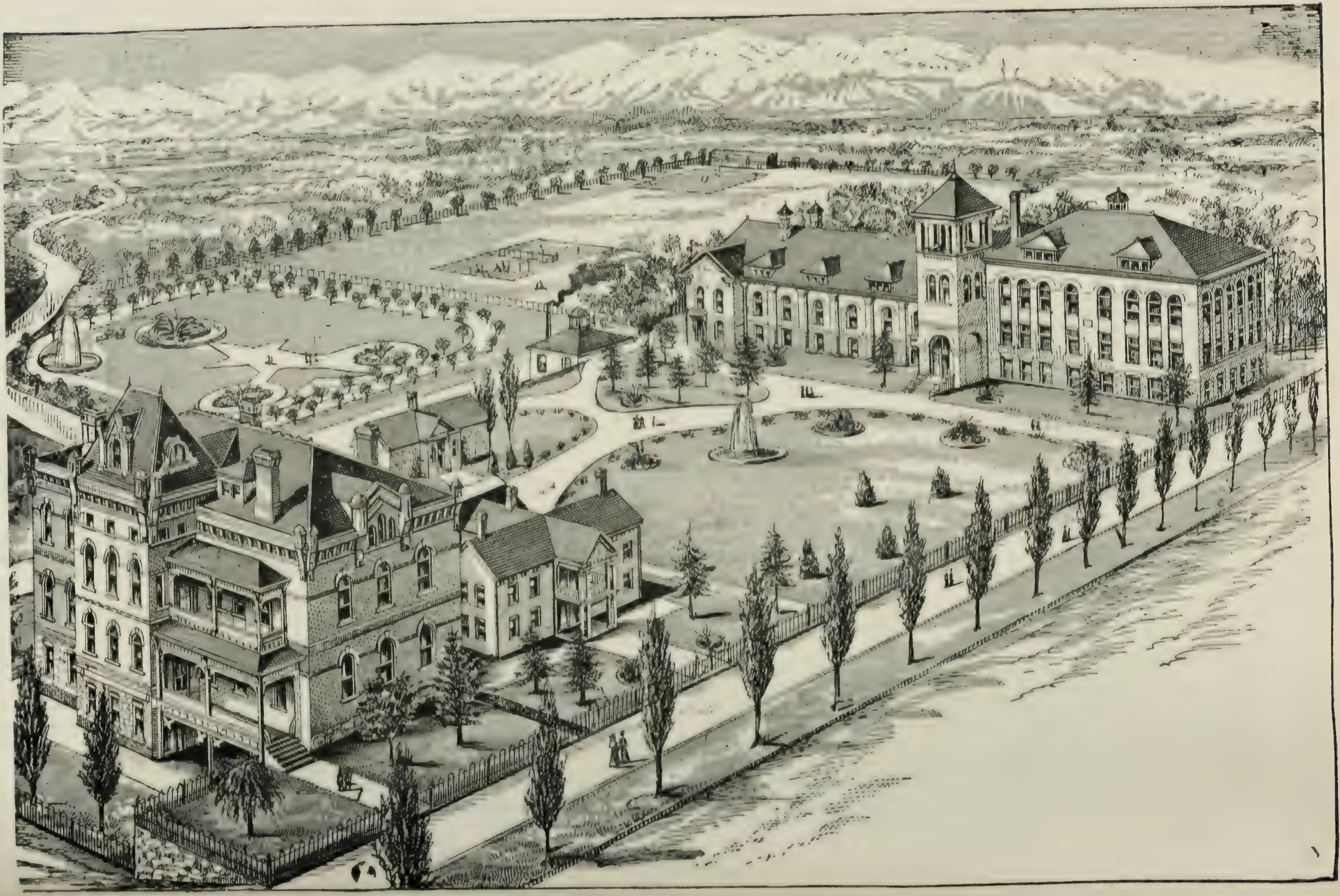


PRESIDENT BRIGHAM YOUNG.
Founder of the Brigham Young College.

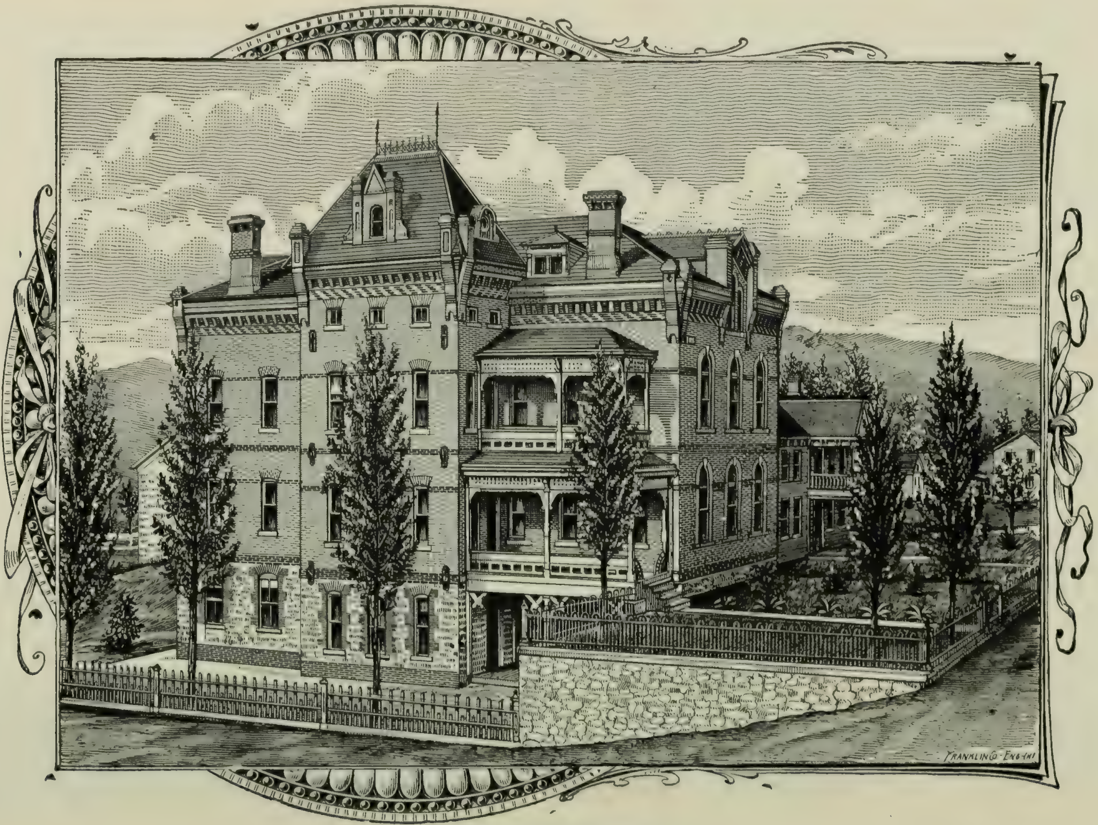


BRIGHAM YOUNG COLLEGE CAMPUS FROM NORTH-EAST.

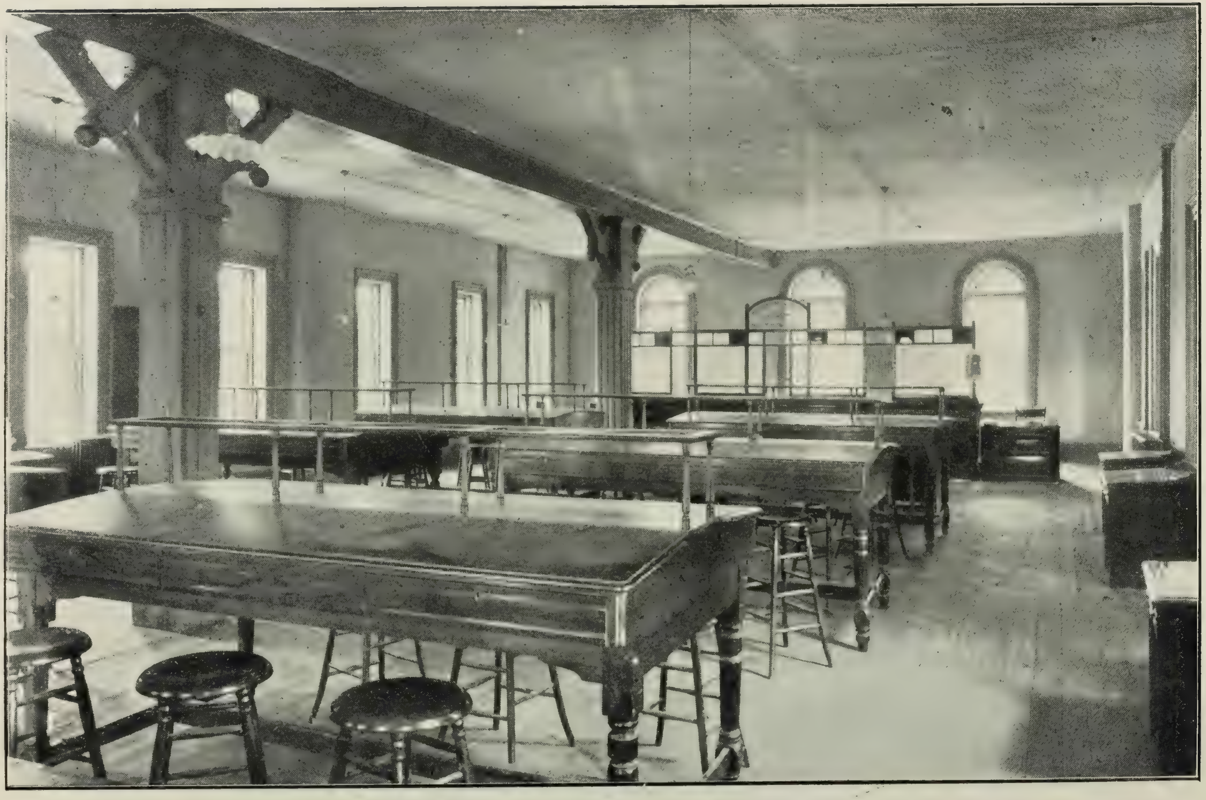
WEST BUILDING.

NORT CORRIDOR, SECOND FLOOR, WEST BUILDING.
MAIN ENTRANCE WEST BUILDING
MAIN ENTRANCE, WEST BUILDING
SOUTH CORRIDOR, FIRST FLOOR, WEST BUILDING.

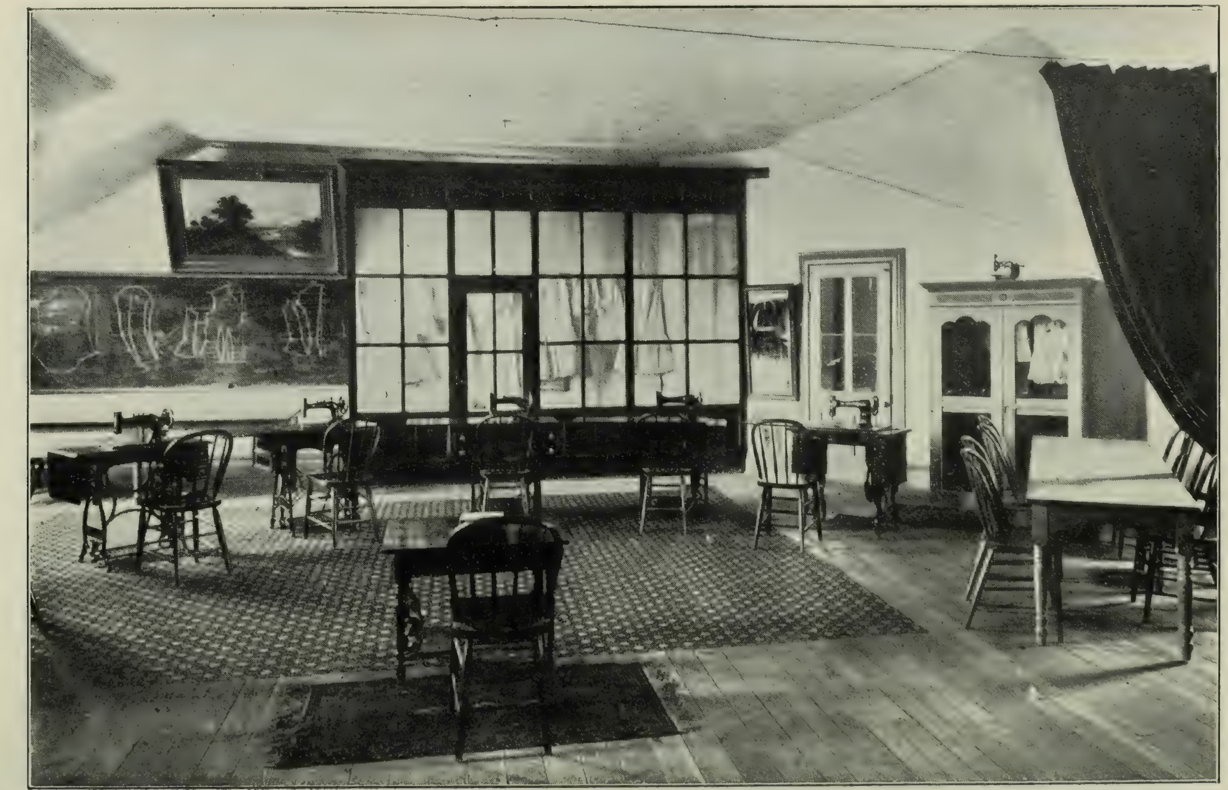
ENTRANCE AND HALLS, WEST BUILDING.



EAST BUILDING.

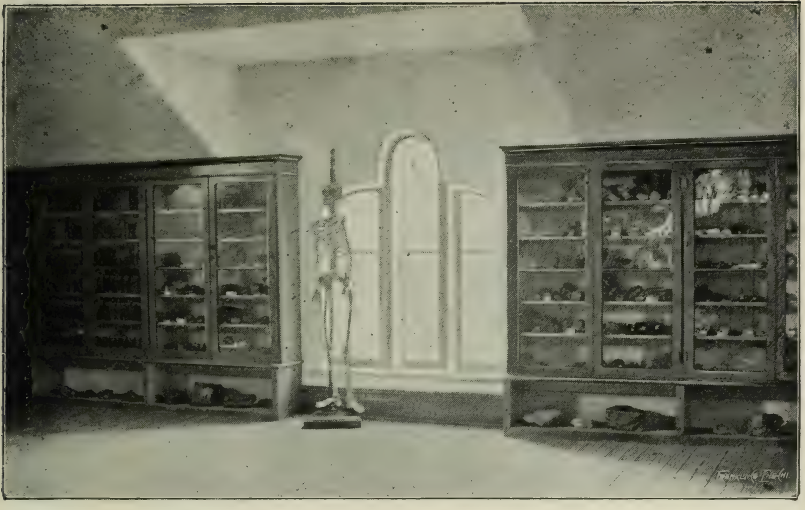


BUSINESS ROOM, EAST BUILDING.



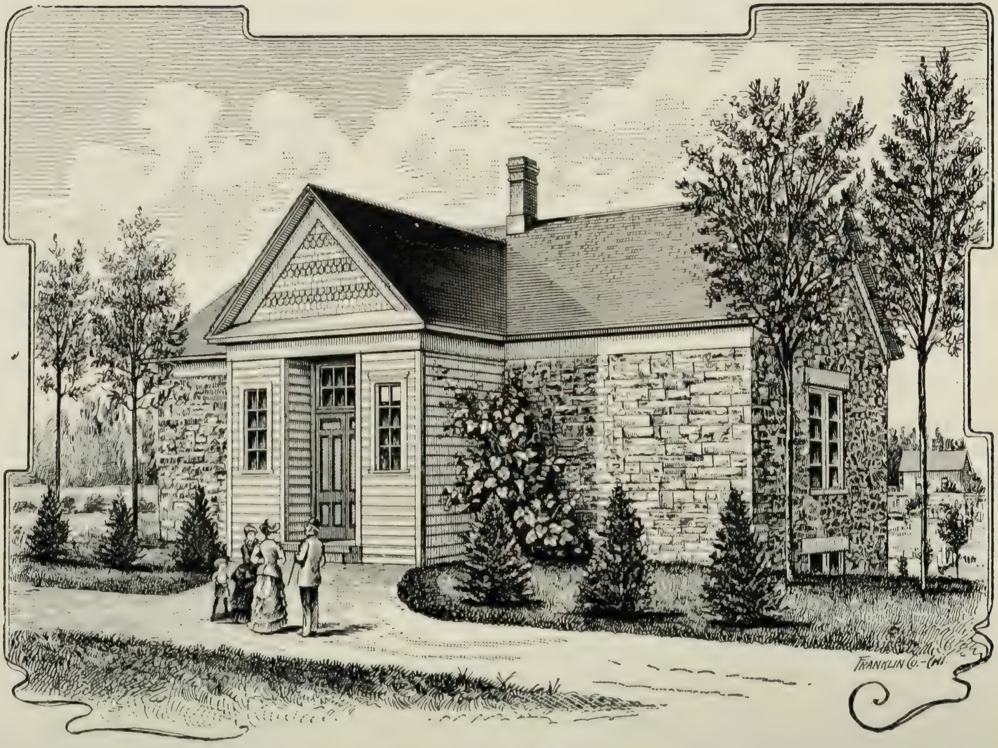
SEWING ROOM, EAST BUILDING.

CORNER IN LIBRARY AND READING ROOM.

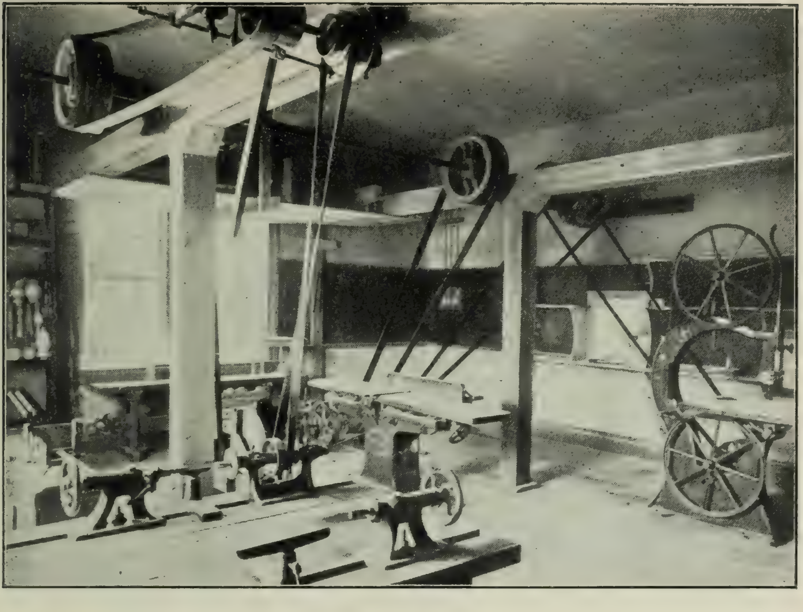


VIEW IN MUSEUM.

VIEW IN MUSEUM.


FRANKLIN Co.-CHI.

LABORATORY BUILDING.



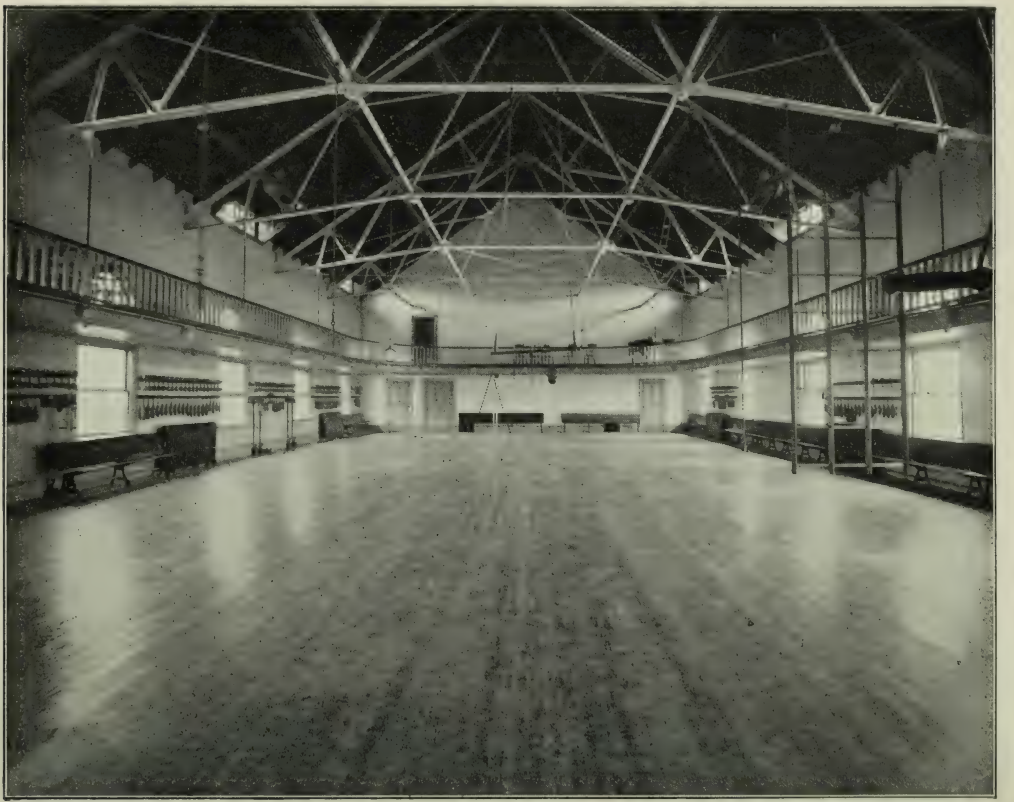
CORNER IN MACHINE SHOP, LABORATORY BUILDING.

CORNER IN CARPENTER SHOP, LABORATORY BUILDING.

COLLEGE CHOIR.

ASSEMBLY ROOM, LOOKING FROM THE PLATFORM.

ASSEMBLY ROOM, LOOKING TOWARDS THE PLATFORM.



GYMNASIUM, WEST BUILDING.

PHYSICIAL LABORATORY.

Thomas Arkle Clark

BIOLOGICAL LABORATORY.

CLASS ROOM, THEOLOGY. WEST BUILDING.

CLASS ROOM, PHYSICS AND MATHEMATICS.

CLASS ROOM, BIOLOGY, WEST BUILDING.

OFFICE OF REGISTRAR AND SECRETARY, WEST BUILDING.

PRESIDENT'S OFFICE, WEST BUILDING.

COLLEGE BRASS BAND.

COLLEGE BASE BALL TEAM.

COLLEGE BASKET BALL TEAM.

MUSIC ROOM, WEST BUILDING.

COLLEGE ORCHESTRA.

TRAINING SCHOOL BUILDING.

CATALOGUE

OF THE

BRIGHAM YOUNG COLLEGE

FOR

1903-1904.

WITH LIST OF STUDENTS FOR 1902-1903.

"A GENERAL EDUCATION IS THE BIRTHRIGHT OF EVERY MAN
AND WOMAN IN AMERICA."

LOGAN, UTAH.
PUBLISHED BY THE COLLEGE
JULY, 1903.

J. P. SMITH, PRINTER, LOGAN.

1903.

July.

S	M	T	W	T	F	S
...	...	...	1	2	3	4
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12	13	14	15	16	17	18
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December.

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1904.

January.

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February.

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March.

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April.

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May.

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June.

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...	...	...	...	...	...	...

CALENDAR 1903-1904.

FIRST TERM.

September 17, 18, 19, Thursday, Friday, Saturday—Entrance examinations and registration of students.

September 21, Monday—Instruction begins.

November 26, 27, Thursday, Friday—Thanksgiving recess.

December 18, Friday—Christmas vacation.

1904.

January 4, Monday—Instruction begins.

February 5, Friday—First term ends.

SECOND TERM.

February 8, Monday—Second term begins.

February 22, Monday—Washington's Birthday.

May 30, Monday—Decoration Day.

June 2, Thursday—Class Day.

June 3, Friday—Twenty-sixth Annual Commencement.

June 3, Friday evening—Alumni Reunion.

BOARD OF TRUSTEES.

Joseph F. Smith, President,	Salt Lake City, Utah
William B. Preston, Vice-President,	Salt Lake City, Utah
William H. Lewis,	Lewiston, Utah
Joseph Howell,	Logan, Utah
Marriner W. Merrill,	Richmond, Utah
Lyman R. Martineau,	Logan, Utah

Herschel Bullen, Jr., Secretary and Treasurer.

EXECUTIVE COMMITTEE.

William B. Preston, Chairman,
Marriner W. Merrill,
Lyman R. Martineau.

COLLEGE COUNCIL.

James H. Linford, Chairman,
J. F. Miller,
Weston Vernon,
Mosiah Hall,
Herschel Bullen, Jr.,
W. H. Chamberlin,
A. J. Ridges, Jr.,
D. C. Jensen,
C. H. Skidmore, Secretary.

FACULTY AND INSTRUCTORS.

Arranged in Groups in the Order of Seniority of Appointment.

JAMES HENRY LINFORD, D. B., B. S.,

PRESIDENT.

Professor of Zoology and Botany.

Graduate of the Normal Department, of the University of Utah, 1890; Superintendent of Public Schools, Davis County, Utah, 1891, 1892; Professor of Zoology and Botany, Brigham Young College, 1892-1900; Student at Hopkins Seaside Laboratory of the Leland Stanford, Jr. University, summers of 1895, 1896; D. B., Church Board of Education, 1897; B S., Brigham Young College, 1898; Student of the University of Chicago, summer of 1899; Member of International Association of Botanists, 1900; Member of American Association for the Advancement of Science, 1903; present position since 1900.

116 West First South.

JACOB FRANKLIN MILLER, D. B., A. B.,

Professor of History and Political Science.

Student in the University of Utah, 1873-74, 1875-76, 1885; On mission to the Southern States, 1883-1885; Superintendent of Public Schools, Davis County, 1889; Teacher of Advanced Department Davis Stake Academy, 1889-1891; D. B., Church Board of Education, 1896; A. B., Brigham Young College, 1902; Member of the American Academy of Political and Social Science, and also member of the Historical Association since 1897; Present position since 1892.

85 East Second South.

WESTON VERNON, B. Pd., D. B., A. M.,

Professor of English Language and Literature.

B. Pd, Brigham Young Academy, 1894; A. B., University of Utah, 1895; D. B., Church Board of Education, 1897; Professor of Languages, Brigham Young College, 1896–98; High School Life Diploma, Utah State Board of Education, 1898; Student in University of Chicago, summers of 1898, 1901; M. A., Illinois Wesleyan University, 1902; Present position since 1898.

202 North First East.

MOSIAH HALL, B. S., D. B., Ph. M.,

Professor of the Science and Art of Education.

Graduate of the Normal Course University of Utah, 1880; Student in the University of Utah, 1880-82; Teacher in the High School, Ogden, 1884-1888; Superintendent Weber County Schools, 1893–1898; Student University of Utah, summers of 1895-96-97; High School Life Diploma, State Board of Education, Utah, 1896; B. D., Church Board of Education, 1899; B. S., Brigham Young College, 1899; Ph. M., University of Chicago, 1901; Present position since 1898.

165 West Third South.

HERSCHEL BULLEN, JR.,

REGISTRAR.

Assistant Professor of Bookkeeping and Commercial Law.

Graduate Normal Department, University of Utah, 1890; Teacher in Public Schools, Cache County, 1891-92; On mission to England, 1894-1896; Special Student, Metropolitan Business College, Chicago, and Rochester Business Institute, Rochester, New York, summer 1901; President Board of Education Logan City; Present position since 1897.

192 EAST FIRST NORTH.

WILLIAM HENRY CHAMBERLIN, D. B., A. B.,

Assistant Professor of Theology.

A. B., University of Utah, 1886; D. B., Church Board of Education, 1896; Professor of Natural Sciences, Latter-day Saints' College, 1891-1897; Mission to Tahiti, 1897-1900; Assistant Professor of Geology and Mineralogy, Brigham Young College, 1900-1902; Student in the University of Chicago, 1901-1902, 1903; Present position, 1903.

225 SOUTH FIRST WEST.

ALFRED JOSEPH RIDGES, JR., B. S.,

Assistant Professor of Chemistry.

Graduate Utah State Normal School, 1893; Principal Public Schools 1883-87; Student University of Utah, 1897-99; Principal Heber City High School, 1899-1900; B. S., with Advanced Normal Diploma, University of Utah, 1901; Present position since 1900.

263 WEST CENTER STREET.

DANIEL C. JENSEN, A. B.,

Assistant Professor of Geology and Mineralogy.

Student in Snow Academy, 1888-1890; Graduate of the Normal Department, University of Utah, 1892; Principal of Mt. Pleasant Schools, 1892-1898; Critic Teacher in the Training School, University of Utah, 1898-1899; Principal Brigham Young College Training School, 1899-1903; A. B. and Special Teacher's Diploma, Brigham Young College, 1902; Present position, 1902.

543 WEST FIRST SOUTH.

CHARLES HENRY SKIDMORE, B. L., M. A.,

Assistant Professor of Mathematics.

Graduate of the Brigham Young College Normal Department, 1893; Teacher in Public Schools, Cache County, 1893-95 and 1897-9; On mission to England 1395-1897; B. L., Brigham Young College, 1901; Student in the University of Chicago, the school year and the summers of 1901 and 1902; Assistant Professor of Theology, Brigham Young College, 1902-3; M. A., Illinois Wesleyan University, 1903; Present position, 1903.

39 EAST SECOND SOUTH.

ANDREW JENSEN,

Principal Normal Training-School.

Teacher in Public Schools of Sanpete and Emery Counties, 1895-1897; Graduate of Snow Academy, 1898; President of Northern Indiana Conference, 1899-1900; Present position, 1902.

CHARLES M. HARRIS,

Instructor in Violin; Ensemble playing.

Student in Chicago Music College under Prof. S. E. Jacobssen, 1893; Student in the Stern Conservatory of Music, Berlin, and also private student under Immanuel Worth, 1894-97; Present position since 1898.

63 West Third South.

MATILDA PETERSON,

Critic Teacher and Instructor in Normal Training-School.

Student in Weber Stake Academy, 1890-92; Student in Colorado Springs Summer School, 1895; Student in University of Utah, summers 1896-97-98; Teacher in Weber County Schools, 1892-1898; Student in University of Chicago, summer 1902; Present position since 1899.

ALMA BROCKERMAN WRIGHT,*

Instructor in Art.

Instructor in Art, L. D. S. College, 1898; Present position since 1899.

VIRGINIA ADELLE BUSH,

Instructor in English.

Graduate of the Normal Department, University of Utah, 1899; Student in the University of Utah, summers of 1894, 1900; Student in the University of Chicago, summer of 1901: Present position since 1900.

EZRA LEWIS MARLER,

SECRETARY OF THE FACULTY.

Instructor in Bookkeeping.

Student in Brigham Young College, 1898-1903; Instructor in Stenography, Brigham Young College, 1900-1902; Present position, 1902.

WILLIAM WILLIAMS HENDERSON, A. B.,

Instructor in Zoology and Botany.

Student in Preston Academy, 1895-96; Graduate from the Normal Course, Brigham Young College, 1900, and student, 1900-1903; Assistant in Biology 1900-01; A. B., Brigham Young College, 1903; Present position since 1901.

402 West Second South.

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*In Paris, on leave of absence.

ALMEDA PERRY, B. S.,

Instructor in Elocution and Physical Culture.

B. S., Agricultural College of Utah, 1901; Student in the University of Chicago, summer of 1901; Present position since 1901.

GUSTAVE EDWIN ANDERSON,

Instructor in Stenography, Typewriting, Telegraphy, and Penmanship.

Student in the Agricultural College of Utah, 1897-98; Student in the Latter-day Saints' Business College, 1899-1901; Present position since 1901.

JOHN HENRY KEMP,

DIRECTOR OF GYMNASIUM.

Instructor in Athletics and in the Preparatory Department.

Graduate of the Normal Department of the Brigham Young College, 1900; Student of the College, 1900-1903; Present position since 1900.

141 West Fifth South.

MME. EVANGELINE GLARDON,

Instructor in French and German.

Student in St. Janier, Jura, for eight years, and later a student of Lausanne University; Instructor in High School and College Galliard; Private tutor to foreign University students; present position since 1902.

WILLIAM OLIVER ROBINSON,

Instructor in Vocal Music.

Student under Professors Stevens, Goddard and McClellan, 1901; Student in Conservatory of Music, Chicago, 1902, 03; Present position since 1902.

137 West Fifth South.

ROSE HOMER, B. S.,

Instructor in Domestic Arts.

B. S., Agricultural College of Utah, 1900; Teacher in Public Schools, 1900-01; Instructor in Preston Academy, 1902; Present position since 1902.

302 North First East.

AMOS NEWLOVE MERRILL, B. S.,

Instructor in Mechanic Arts.

B. S., Agricultural College of Utah, 1897; Mission to England, 1897-99; Present position since 1902.

431 West First South.

GWENNIE HUBBARD,

Instructor in Domestic Arts.

Graduate of Brigham Young College, 1897; Student in Pratt Institute and Columbia University 1901-03; Present position, 1903.

ELIZABETH MARGARETTE JONES,

Critic Teacher and Instructor in Normal Training-School.

Graduate of the Normal Department of the Brigham Young College, 1902; Teacher in Public Schools, Montpelier, Idaho, 1902–03; Present position. 1903

LILLIAN OLIVER,

Instructor in Piano.

Student in London two years under Wood, in harmony, and under Oscar Berenger (student of List) on piano.

ALLIE MARTINEAU,

Librarian.

PERSIS FARR,

Gymnasium Pianist.

DAVID SMITH,

Assistant in Violin.

JULIA NIBLEY,

Assistant in Domestic Arts.

THOMAS H. PORTER,

Engineer and Electrician.

I. B. HOLMAN,

Janitor and Custodian.

STANDING COMMITTEES OF THE FACULTY.

The President is a member of all committees.

Scholarship and Graduation.—J. F. MILLER, W. H. CHAMBERLIN, D. C. JENSEN.

Examinations and Registration.—MOSIAH HALL, D. C. JENSEN, H. BULLEN, JR.

Domestic Organization.—W. H. CHAMBERLIN, C. H. SKIDMORE, ROSE HOMER, A. N. MERRILL, GWENNIE HUBBARD.

Amusements.—A. J. RIDGES, VIRGINIA A. BUSH, W. O. ROBINSON.

Athletics.—H. BULLEN, JR., ALMEDA PERRY, J. H. KEMP, E. L. MARLER, BISHOP JOSEPH E. CARDON, Alumni Representative.

Library.—J. F. MILLER, WESTON VERNON, MOSIAH HALL.

College Publications.—WESTON VERNON, C. H. SKIDMORE, W. W. HENDERSON.

College Societies.—C. H. SKIDMORE, W. O. ROBINSON, G. E. ANDERSON.

BRIGHAM YOUNG COLLEGE.

GENERAL INFORMATION.

HISTORY.

On the 24th of July, 1877, about a month prior to his death, President Brigham Young conveyed to a Board of seven Trustees, 9,642 acres of land, located south of Logan City, the profits and issues of which were to be used for the support of an institution of learning to be known as the Brigham Young College. The deed of trust provides that the Gospel of Jesus Christ shall be the basis of College discipline, and that, in addition to the work usually provided for in the curricula of higher institutions, instruction shall be given the students in the important duties of their various church callings.

On August 7, 1877, the Board of Trustees held its first meeting, and began the work of organizing the College in accordance with the requirements of the deed of trust. Owing, however, to the immature condition of its finances, the College was not opened for the admission of students until September 9, 1878. Since that time it has experienced varying degrees of prosperity. The endowment could not be made to yield a revenue sufficient to bring the institution immediately to a high standard. The purchase and construction of suitable buildings and the provision of necessary apparatus entailed expenses which anticipated the rent of the land for several years, and thereby reduced the means for meeting the ordinary expenses of maintenance. It has progressed, however, by steady and healthy growth until the present time. Each year has marked an improvement in its facilities and an increase in its strength.

The College was first opened in rented rooms of the Logan City Hall, under the principalship of Miss Ida Ione Cook. In the fall of 1882, the College site was purchased. It comprised about seven acres, on which were several buildings that could be utilized for school purposes. Upon this site in 1883-84 was erected the East Building, which, in addition to class rooms, contained dormitories and other accommodations suitable for a boarding-school.

In July, 1884, Miss Cook resigned and was succeeded by Judge James Z. Stewart, who from 1881 to 1883 had been connected with the institution as an instructor. During his presidency the faculty was increased and the courses of instruction were extended. With his resignation, in the spring of 1888, the idea of making the College a boarding-school was abandoned.

In May, 1888, President Stewart was succeeded by Professor Joseph M. Tanner, during whose administration the faculty was further increased, a chemical and physical laboratory was equipped, and additional courses were offered.

In 1888 the church system of education was established by the Church of Jesus Christ of Latter-day Saints, and the Brigham Young College was placed under the general supervision of the Church Board of Education.

In May, 1891, upon the resignation of Dr. Tanner, Professor Joshua H. Paul became president. During the time of his presidency, the first story of the Laboratory Building was finished, thereby providing rooms for the chemical and physical laboratory, and the work of the Preparatory School. Additional instructors were employed and more advanced work was offered.

In September, 1892, an Academic Charter was received from the Church Board of Education, authorizing the College to offer courses through the high school grade, including Normal work, and to establish a Normal Training-School.

In May, 1894, President Paul resigned, and was succeeded by Professor W. J. Kerr. At a meeting held in June of that year, the Board of Trustees more fully organized the College and increased its courses of instruction. Professorships were established in English Language and Literature, French and German, Science and Art of Teaching, History and Political Science, Mathematics and Astronomy, Physics and Chemistry, and Biology. The entrance requirements were increased; the Academic and Normal courses were extended from two to three years, each leading to a certificate; and college courses were established in General Science and Letters, each extending through four years and leading to a degree. The Preparatory School was removed to the Laboratory Building, and the large room which it occupied was converted into a physical and biological laboratory. A large room was fitted up for a museum, the library was moved to one of the largest and most pleasant rooms in the East Building, and other changes were made which added greatly to the facilities of the institution for advanced work.

During the year 1894-95 the College was the recipient of large contributions to the library, including encyclopedias, dictionaries, and scientific, historical, philosophical, and statistical works, presented by the authorities of the Church, the College trustees and faculty, and other prominent citizens. The Mutual Improvement Associations of Cache County contributed a collection of about two hundred historical and miscellaneous works. In February, 1895, the Trustees opened to the public, the Brigham Young College Free Library and Reading Room.

On August 12, 1895, the General Church Board of Education amended the charter of the College, granting the right to confer baccalaureate degrees. In 1896 the Normal Course was extended to four years; and in 1898 the Academic Course, also, was extended to four years.

In April, 1897, the people of Cache County came to the aid of the Trustees and proposed to raise sufficient means by popular subscription for the erection of the new building. On May 3, 1897, the work of construction was begun, and on December 23, 1898, the building was dedicated.

In May, 1898, a professorship in Theology was established, and the course in Letters was changed to that of Arts. In June, 1899, the idea of continuing training in one of the public schools of Logan City was abandoned, and a Normal Training-School was established in the College. In the same month a tract of land comprising about fourteen acres, adjoining the original site on the south and west, was purchased, thereby providing ample room for an athletic field, an aquarium, horticultural gardens, and additional College buildings.

On September 11, 1899, the College was incorporated under the laws of the State of Utah. In April, 1900, additional Professorships and Assistant Professorships were established. A College council was organized, consisting of the President, Professors, and Assistant Professors when in charge of departments.

In May, 1900, President Kerr resigned; and in the following July, Professor James H. Linford was chosen as his successor. Later in this same year the Business and Preparatory courses were established, and early in the year following, the College authorities decided to offer a course in Domestic Arts.

In the Spring of 1902, President Joseph Morrell donated $1000 toward equipping a laboratory of Mechanic Arts. This generous gift was gratefully accepted, and a four-year course in Mechanic Arts was at once established, thus carrying out the original intent of the founder, President Brigham Young.

In April of 1903, the Trustees, in answer to a further demand for practical work, established a course in Civil Engineering, with the understanding that the College will be equipped for thorough instruction in this department. At this same meeting it was explained that because of the crowded condition of the College, negotiations had been carried on looking to the use of the Tithing Office building for the Training-School, in order to make room in the East Building for the departments of Bookkeeping, Cooking and Sewing. The Church Authorities had generously tendered the use of the former building, and it was gratefully accepted. Before the close of the year the Training-School moved into its new quarters, thus affording, in part, an escape from the conditions that had prevailed during the year.

GENERAL POLICY.

The special aim of the College is to make of its students sincere Latter-day Saints—men and women who will be useful not only in the missionary field, but also in the many home organizations for the education of the young. It seeks also to promote the higher educational interests of the people, broadly and generously interpreted. It is its aim to provide a liberal and thorough education, embracing not only mental discipline and physical training, but moral and spiritual culture as an essential part of the development of a symmetrical character.

In order to furnish the discipline and the knowledge necessary to the successful prosecution of advanced work, nearly all the studies of the regular courses in the earlier years are prescribed. But when the powers of the students are developed by the required work, the principle of election is introduced; and during the later years students are permitted to select the subjects in which they are most interested. Opportunity is thereby given for the encouragement of individual adaptation and for a more special preparation for the various vocations of life.

In addition to the prescribed theological work, students are expected to attend devotional exercises; and all who are not residents of Logan are expected to attend the College Sunday School.

The use of strong drinks and tobacco is forbidden.

A domestic committee assists the President in looking after the home life of the students.

LOCATION.

The College is situated in one of the most desirable parts of Logan City, the county seat of Cache County. The city is supplied with electric lights, and has connection by telephone with surrounding towns. It is beautifully located and remarkably healthful. Its streets are broad and well drained, and on each side of them is a clear stream of pure, mountain water, bordered with shade trees. With a population of about six thousand people, Logan combines the activity and good order of a small city, with the freedom and sociability of quiet village life—conditions highly favorable not only to study, but to social and general culture.

Residence in Logan offers many advantages to students. Every year there are opportunities to attend lectures, concerts, and other entertainments of a high order.

BUILDINGS AND GROUNDS.

The College occupies a campus of about twenty-three acres, situated near the center of the city, on the north fork of Logan River. The lower campus, a level area across the river from the College buildings, furnishes space for athletic sports, an aquarium, and horticultural gardens. The College buildings comprise the East Building, the West Building, the Laboratory Building, and the President's Residence. The East Building is constructed of brick and stone. It is seventy feet front by thirty-six feet deep, and four stories in height. This building contains the library and reading room, the general museum, business department, kitchen and dining-room, and also the sewing and dress-making rooms. The West Building is one hundred and eighty-eight feet long by eighty-six feet wide, and three stories in height. It contains the general assembly hall, with a seating capacity of about eight hundred; five offices; fifteen class rooms; the physical and biological laboratories; and the gymnasium, including bath and dress-

Thomas Arkle Clark

ing rooms. The Laboratory Building is fifty feet long by thirty-eight feet wide, and two stories in height. It contains the chemical laboratory and the carpenter and machine shops. The Training-school building. located at 27 East, First North Street, is a substantial brick structure two stories high, and contains eight class rooms and a large basement. These buildings are well lighted and ventilated and are provided with steam heat, water, and electric lights.

The College Campus, on one side, is but one block from paved sidewalks and the busy part of the city; while at the same distance, in another direction, are rich farms and meadows. A branch of the Logan River flows through the grounds separating the upper from the lower campus. These natural advantages, together with the well-kept lawns and flower beds, give to the surroundings of the College an unrivaled beauty.

MUSEUM.

The College Museum occupies the large north room on the top floor of the East Building. Each year the Museum is enlarged by contributions from the friends of the College, including many missionaries who are laboring in different countries. The Museum is supplied with specimens illustrative of general geology, mineralogy, lithology, paleontology, metallurgy, botany, zoology, and archaeology. There are eight hundred specimens of native plants, four hundred specimens of the flora of New York state, and five hundred specimens of the flora of West Virginia, North Carolina, and Indiana; a large collection of Irish ferns and mosses; a collection of Tasmania ferns; one case of native woods and one case of specimens from the forests of Alabama and Tennessee; three large cases of Utah minerals and specimens illustrating the milling and smelting operations of Utah metallurgical establishments; one case of fossils, minerals, and curios; one case of coins and aboriginal relics; two large cases of shells, corals, aboriginal relics and specimens illustrative of life in the Sandwich and South Sea Islands, contributed by Mr. and Mrs. B. Morris Young; one case of birds and amphibians; one case of skeletons; and some miscellaneous materials.

Contributions of fossils, ores, animals, relics, and other material of value to the Museum, are solicited from all persons who are interested in the work. All collections sent in this way will be carefully labeled and preserved, and the name of the donor will be kept on record. Express or freight charges on such gifts will be paid by the College.

APPARATUS.

The College is equipped with apparatus for illustrating the courses in natural and physical science. Among the most important items are working models of the elementary and compound machines; apparatus for illustrating gravitation and falling bodies, and hydrostatics; specific gravity balances; scales; Boyle's Law apparatus; Wheatstone's bridge; standard motor; an Atwood machine with aluminum friction wheels and electric pendulum; lever apparatus; Paschal's vase; Ampere's apparatus; compasses; monometric flame apparatus; a sonometer; a baroscope; a barometer; thermometers; center of gravity illustrations; Nicholson's and Beaume's hydrometers; a lever air pump and accessories for illustrations in pneumatics, electric machines, galvanic batteries, an induction coil, conduction apparatus, Daniell's cell, a galvanometer, magnetoscope, resistance box, Geissler's tubes, etc; Becker's analytical balance and weights; photographic camera and accessories; stereopticon; nine compound microscopes for use in biological work; chemicals, chemical glassware, and re-agents for experiments in general chemistry, and facilities for work in blowpipe and wet analysis, a furnace and accessories for the study of assaying; sterilizers, incubators, and other apparatus for bacteriological work.

For work in surveying, there is an engineer's transit with solar attachment, leveling rods, chains, and all accessories.

In August, 1902, Professor Chamberlin presented to the College a three and one-half inch telescope with the latest improvements.

LIBRARY AND READING ROOM.

The library occupies the north room on the second floor of the East Building. This room is furnished with reading-slopes for current papers and magazines, and with reading-tables sufficient to accommodate one hundred and twenty readers. It is well lighted and ventilated, is supplied with steam heat and electric lights, and during the school year, is open to the public as a reading room. It is supplied with the current periodicals of Utah, and with the most important newspapers and magazines of the United States. The principal dictionaries and encyclopedias, including the Encyclopædia Britannica, Chamber's Encyclopædia, American Encyclopædia, Century Dictionary, and other works of reference, occupy shelves in the Reading Room, within easy access of the readers.

The Library at present contains 3,500 bound volumes and 1,500 pamphlets, and additions are made from time to time to meet the requirements of students in the several departments. Prof. J. F. Miller's valuable collection on history and political science is placed in the College, and students also have the use of the President's private library.

COLLEGE SOCIETIES.

In order to afford opportunity for acquiring general information and obtaining practice in public speaking and parliamentary procedure, the students of the College maintain the Webster, Phi Polo, Usona, and Philomathic Societies. Of these the Webster and Phi Polo are conducted exclusively by men, and the Usona by women, while the Philomathic is open to all students of the College.

Under arrangements made by a committee of the faculty, a series of popular lectures is given by the best speakers that can be secured.

SUNDAY NORMAL SCHOOL.

The College Sunday School has been organized to meet the needs of the students who do not live in Logan, and further to train young men and young women for active work in the various ward organizations. The great need of the church is trained teachers. This school seeks to give young men and young women a better preparation for this work. Normal classes are organized in Sunday School, Young Men's Mutual Improvement Association, Young Ladies' Mutual Improvement Association, Religion Class, and Primary methods. These classes are conducted by teachers of experience in the various organizations.

STUDENTS' EXPENSES.

Tuition is free. All students except missionaries pay an annual entrance fee of $10, and all pay an annual library and gymnasium fee of $1. Alumni are permitted to do special work upon payment of such proportion of the entrance fee as the number of hours taken is to a year's requirements in the Arts Course. Others who desire to take a single subject will be permitted to do so on payment of $5 in addition to the library and gymnasium fee. Persons not registered as regular students in the College will be charged $1 a month for the privilege of taking physical culture. Under no circumstances will any part of these fees be refunded.

Students taking laboratory work in chemistry, physics, or biology will be charged an incidental fee to cover the cost of materials used. The amount of this fee is announced with the description of courses and must be paid in advance. No student will be permitted to do work in the laboratories before presenting treasurer's receipts to instructor in charge. Arrangements for elective work in music and art are made with the instructors in those departments.

The fee charged for a special certificate is $3; for a certificate of graduation in the high school courses, $5; for a degree, $10. These fees must in all cases be paid before the certificates or degrees are conferred. All the students of the College are held responsible for any injury done by them to its property.

The cost of living in Logan is much lower than in the larger cities of the State. Good rooms and board, in private houses, can be obtained at from $2.50 to $3.75 per week. By renting rooms and boarding themselves, students are able to reduce their expenses to less than $2 a week for room and board. Rooms can be rented from $1.50 to $3 a month.

ADMISSION AND GRADUATION

COLLEGE COURSES.

The following is a condensed statement of requirements for admission to the College courses. More specific information can be had by referring to the description of courses.

REQUIRED SUBJECTS:

Algebra I,
Plane Geometry,
Grammar and Classics,
Rhetoric I,
Physics a,
English Literature,
American History,
Civil Government,
Three years of Language.

ELECTIVES:

Theology a, b, c,
Solid Geometry,
Algebra II,
Trigonometry,
Elementary Astronomy,
Elementary Botany,
General History,
Physiology a,
Physiography a,
Elementary Zoology,
Theory of Teaching,
History of the Orient and Greece,
Roman History,
European History,
Greek,
Latin,
German,
French,

Students preparing to enter either of the College courses will elect 44 hours from the subjects named in this group.

REGISTRATION.

Students register at the beginning of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the Council. No changes in registration will be allowed except by permission of the Faculty.

Students will not be allowed to register for more than seventeen hours of recitations or lectures a week without special permission of the Council; and no student who has failed or is conditioned in any subject in the term immediately preceding, will be allowed to register for more than fourteen hours, except by permission of the Council. Every hour for which credit is given represents approximately, for the average student, three hours and a half of actual work a week through one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours and a half for preparation or subsequent reading and study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week through one term are required for each hour that counts towards graduation.

CLASSIFICATION.

Students are classed according to the year in which the major part of the work is taken.

Persons of mature years, who, for reasons satisfactory to the Council, desire to pursue work in some particular department, may be admitted, provided they give evidence of ability to do creditably the work desired. Those who are allowed to enter under this provision are listed as *special* students. A student who wishes to do work in more than one department, may, when circumstances justify it, depart from the prescribed work of any regular course; but if the major part of his work does not comply with the requirements of any year of any course he will be listed as *optional.* Special and optional students will not be graduated from any course until they have complied with all requirements for graduation from that course.

GRADUATION.

The degree of Bachelor of Arts is conferred on the completion of the Arts Course, and the degree of Bachelor of Science on the completion of the course in Civil Engieering. These courses extend through four years, and no student will be recommended for a degree until he has completed work which, including all the required work of his course, shall amount to fifteen hours of recitation or lectures a week during the four years, or a total of one hundred and twenty hours. No one will be graduated from these courses who has not completed twenty-four hours of theological work, nor will any one be graduated who has not been a resident student of the College for at least one year.

The standing of students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D;* and in order to graduate in any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

A special Teacher's Diploma is given to a student at the time of receiving his Bachelor's degree, provided he has completed all the courses in Science and Art of Teaching, and courses 1, 2, and 3 in philosophy.

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*90 to 100, A; 80 to 89, B; 70 to 79, C; 60 to 69, D; 46 to 59, E (conditioned); below 46, F [failure].

COURSES OF STUDY.

The following advanced courses of study are offered:

1. Course in Arts, four years.
2. Course in Civil Engineering, four years.

The *Course in Arts* corresponds to the usual course of the leading American colleges and universities, and leads to the baccalaureate degree A. B. This course is designed to furnish a liberal and thorough education, embracing the broad field of general science, mathematics, history, language, and literature. Most of the work of this course is elective, and students are encouraged to pursue the lines in which they manifest greatest aptitude.

The *Civil Engineering Course* corresponds to the usual civil engineering courses of the various colleges and universities throughout the country, and leads to the baccalaureate degree B. S. It is intended to meet the demand for a practical, as well as a theoretical, scientific course. Besides furnishing a general education, it offers special training in engineering, mathematics, physics and mechanics.

COURSE IN ARTS.

LEADING TO THE DEGREE BACHELOR OF ARTS.

FRESHMAN YEAR.	First Term.	Second Term.
Church History and Doc.	3	3
Rhetoric II	2	2
Mathematics I	3	3
Language	4	4
Elective	5	5
	17	17

The work of the sophomore, junior, and senior years is elective, subject to the approval of the College Council.

To be graduated from this course, a student must obtain one hundred and twenty hours of credit. Forty hours of language work, including that offered at entrance, are required, no credit for a language being allowed unless two years of work in that language have been completed

CIVIL ENGINEERING COURSE.

LEADING TO THE DEGREE BACHELOR OF SCIENCE.

FRESHMAN YEAR.	First Term.		Second Term.
Church History and Doc.	3		3
Rhetoric II	2		2
Mathematics 1	3		3
Mechanical Drawing	2		2
Chemistry 1, 2	5		5
Elective	2		2
	17		17

SOPHOMORE YEAR.	First Term.		Second Term.
Geology 2	3		3
Mathematics 2, 3	5		5
Surveying	3		3
Physics II	3		3
Descriptive Geometry	2		2
	16		16

JUNIOR YEAR.	First Term.		Second Term.
Mathematics 9	3		3
Railroad Engineering	3	Geodetic Engineering	3
Irrigation	3		3
Elective	6		6
	15		15

SENIOR YEAR.	First Term.		Second Term.
Analytic Mechanics	4		4
Sanitary Engineering	2	Hydraulic Engineering	2
Highway Construction	3	Masonry Structures	3
Elective	6		6
	15		15

COURSES OF INSTRUCTION.

Any of the elective courses not desired at the beginning of the term by at least three students, properly prepared, may not be given.

The more advanced elective courses are not all given each year, but vary from year to year to suit the convenience of students; they are so arranged that a student may receive continued and systematic work until all the subjects announced are completed.

THEOLOGY.

ASSISTANT PROFESSOR CHAMBERLIN.

1. **Hebrew Language**; three hours per week throughout the year. An inductive study of the etymology of the language in connection with the reading of the first eight chapters of Genesis. Translation of portions of the book of Samuel.

2. **Advanced Hebrew**; sequence of course 1; three hours a week throughout the year. Hebrew syntax is studied in connection with the reading of Kings and portions of the prophets.

3. **Old Testament**; required of all third year students, elective to others; three hours a week throughout the year. This course is primarily an outline of Old Testament history and includes a thorough study of the religious and moral conceptions of the Chosen People, together with careful consideration of their wisdom literature and prophetic writings. The period from the close of the Old

Testament Canon to the birth of Christ is also considered. The *Old Testament* is used as the text, supplemented by Smith's *Old Testament History*, *The Prophets of Israel*, *Josephus*, and library references. Professor Hall.

4. **Hebrew History**; four hours a week during the first semester. From the Exodus out of Egypt to the time of Alexander. The religious development of the people during the period is carefully considered.

5. **The Hebrew Prophets**; sequence of course 4; four hours a week during the second semester. In studying the work and writings of each of the prophets, particular attention is paid to his part in the revelation of the character of God and in the development of the religion of Israel.

6. **New Testament Greek**; four hours a week throughout the year. During the first semester the work is the same as for course 1 in Greek; in the second semester one of the gospels is carefully read in connection with the study of the grammar.

7. **New Testament Greek**; sequence of course 6; two hours a week throughout the year The epistles of Paul are read and a careful study is made of the mood and tense of the verb.

8. **Life of Paul**; two hours a week throughout the year. Course 6 not a prerequisite.

9. **Life of Christ**; four hours a week during the first semester. A thorough study of the life of our Lord preceded by a brief study of New Testament times and of the origin of the gospels.

10. **The Teachings of Christ**; sequence of course 9: four hours a week during the second semester. In connection with the study of the social and religious teachings of Jesus, a special study of his parables is made.

11. **Ecclesiastical History**; three hours a week throughout the year. This course begins with the estab-

Thomas Arkle Clark

lishment of the Church by Christ; briefly reviews the Apostolic Age; and deals with the rise and development of the Roman Catholic Church, the doctrines and history of the prominent heretic sects, the Reformation, and the rise and religious views of the leading Protestant denominations. Professor Miller.

12. **Church History and Doctrine**; required of freshmen students; three hours a week throughout the year. This course deals with the history of the Church during the life of the Prophet Joseph Smith; and includes a systematic study of the doctrines, ordinances, and organization of the Church. Professor Miller.

13. **Church History;** sequence of course 11, two hours a week throughout the year. A course of lectures and readings on the history of the Church from its organization to the present time.

14. **Book of Mormon**; an advanced course. This course will not be given in 1903-1904.

15. **Philosophy of Faith**; open to those having the requisite preparation; four hours a week throughout the year. Self-revelation of God to Israel; His existence and character as seen in history and nature; man's relationship to God; faith in God and repentance of sin as factors in man's development.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR VERNON.
INSTRUCTOR BUSH.
INSTRUCTOR PERRY.

1. **Rhetoric II**; required for graduation in all courses except the Industrial; two hours a week throughout the year. This is a continuation of course e, including a more detailed study of the chief varieties of composition—de-

scription, narration, exposition, and argumentation, with written exercises in each. Professor Vernon.

2. **Elocution II**; elective to those who have completed Elocution I; three hours a week throughout the year. This course includes an interpretive study of one drama, and one other English or American masterpiece. Some attention will also be given to reading and declaiming from the platform. Instructor Perry.

3. **History of the English Language**; elective to those who have completed course 1; three hours a week during one term. This course follows the general development of the language, taking note of the various modifying influences that have been in operation from the Roman Conquest of Britain down to the present time.

4. **Old English I**; elective to those who have completed course 1; three hours a week during one term. An elementary study of Anglo-Saxon grammar, together with readings from Anglo-Saxon prose and poetry. Cook's *First Book in Old English.*

5, **Old English II**; elective to those who have completed course 4; three hours a week during one term. This course comprises a general view of Anglo-Saxon literature together with a critical study of *Beowulf.*

6. **Public Speaking**; elective to college students; two hours a week throughout the year The principles of vocal expression and their application to public speaking are carefully studied and much practice given to extemporaneous speaking and to the delivery of orations and debates, the main purpose being to develop direct, earnest, and dignified address. *Practical Public Speaking* by Clark and Blanchard is the text used. Professor Hall.

7. **American Literature**; elective to those who have completed course e; three hours a week throughout the year. A general survey of poetry and prose, with lectures, criticisms, and assigned readings of American masterpieces.

8. **Tennyson and Browning**; elective to those who have completed course 1; two hours a week throughout the year. In this course only a few choice poems will be selected for minute study in class, but students will be expected to familiarize themselves with all the writings of these two poets.

9. **Shakespeare**; elective to those who have completed course 1; two hours a week throughout the year. This course consists of the study and interpretation of representative plays, supplemented by the reading of selected criticisms.

10. **The Novel**; an elective course to those who have completed course 1; four hours a week throughout the year. The novel is considered historically as regards its origin and growth, philosiphically as regards its structure and relationship to other forms of literary art. Masterpieces representing the various stages in the growth of fiction will be studied and discussed.

11. **The Short Story**; elective to those who have completed course 1; three hours a week throughout the year. This course is confined mainly to the nineteenth century, with special attention paid to American writers.

12. **The Drama**; elective to those who have completed course 1; three hours a week throughout the year. Representative ancient and modern plays are studied, with special attention paid to technique.

13. **Literary Criticism**; elective to those who have completed courses 1 and f; three hours a week throughout the year. This course comprises a study of the history of literary criticism from Aristotle to the present time, together with the study of underlying principles and an application of them to several typical literary forms.

14. **Literature in English**; elective to those who have completed course 1; three hours a week throughout the year. In this course, masterpieces are selected from foreign literatures and studied in English translations.

15. **Epic Poetry**; an elective course to all those who have completed course 1; three hours a week throughout the year. The works of the great epic poets from Homer to Milton are studied and discussed.

16. **Literary Forms**; elective to those who have completed course f; three hours a week throughout the year. In this course the various literary forms, both in prose and poetry, are considered with respect to their nature and beginnings. Copious readings, illustrative of the forms studied, are required.

17. **Periods of English Literature**; elective to those who have completed course f; three hours a week throughout the year. In this course the history of English literature is divided into periods as follows:

Age of Chaucer, (1340-1400).
Age of Shakespeare, (1564-1616).
Age of Milton, (1632-1660).
Age of Dryden, (1660-1700).
Age of Pope, (1700-1744).
Age of Johnson, (1744-1798).
Age of Wordsworth, (1798-1830).
Age of Tennyson, (1830-1892).

One term is given to each period. It is possible, therefore, for students to elect this course year after year until all the work has been completed.

MODERN LANGUAGES.

INSTRUCTOR GLARDON.

FRENCH.

1. **First Year**; four hours a week throughout the year. Fraeser and Squair's *Grammar; Historiettes;* Super's *French Reader*, Verne's *Flotteurs de Blocus.*

2. **Second Year**; four hours a week throughout the

year. Fraeser and Squair's *Grammar;* Moireau's *La Guerre de L' Independance en Amerique;* Merrimee's *Colomba;* Daudet's *Le Petit Chose*; Rostand's *Les Romanesques.*

3. **Third Year**; four hours a week throughout the year. Fraeser and Squair's *Grammar;* Grandgent's *French Composition;* Michelet's *La Prise de la Bastille;* Pailleron's *Le Monde ou l'on S'ennuie;* Corneille's *Le Cid*; Moliere's *L'Avare.*

GERMAN,

1. **First Year**; four hours a week throughout the year. Spanhoofd's *Lehrbuch der Deutschen Sprache;* Lange's *A German Method for Beginners;* Paul Heyse's *L'Arabbiata.* Instructor Henderson.

2, **Second Year;** four hours a week throughout the year. Joynes-Meissner's *Grammar;* Hiller's *Hoeher als die Kirche;* Riel's *Der Fluch der Schoenheit;* Eichendorf's *Aus dem Leben eines Taugenichts.* Instructor Henderson.

3. **Third Year**; four hours a week throughout the year. Joynes-Meissner's *Grammar;* Schiller's *Der Neffe als Onkel*; Heine's *Harzreise*; Schiller's *Wilhelm Tell;* Lessing's *Emilia Galotti.*

ANCIENT LANGUAGES.

ASSISTANT PROFESSOR CHAMBERLIN.

GREEK.

1. **First Year**; four hours a week throughout the year. White's *First Greek Book* will be used, and the first book of Xenophon's *Anabasis* translated. During this course special attention will be given to prose composition rather as a means of fixing Greek forms in the mind than as an end to be attained.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Xenophon's *Anabasis*, books II, and III, and Homer's *Iliad*, books I-VI are translated.

3. **Third Year**; open to those who have completed course 2; four hours a week throughout the year. Homer's *Odyssey*, books I, II, and III; Xenophon's *Memorabilia;* selections from Herodotus and Thucydides.

4. **Fourth Year**; open to all who are qualified; four hours a week throughout the year. Æschylus' *Prometheus Bound*; Sophocles' *Antigone*; Euripides' *Alcestis*; Aristophanes' *Birds*; Plato's *Apology* and *Crito.*

LATIN.

1. **First Year**; four hours a week throughout the year. The aim in this course is to have the student acquire a thorough mastery of the chief elements of Latin syntax, and a vocabulary sufficient to enable him to begin the reading of Cæsar. The first book of Cæsar is translated and special attention given to Latin composition based on the text read.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Three books of Cæsar's *Gallic Wars*; Cicero's *Orations Against Cataline*, and selections from Cornelius Nepos are translated. The more difficult parts of Latin syntax are carefully studied as they are met with in the text.

3. **Third Year**; open to those who have completed course 2; four hours a week throughout the year. Six books of Virgil's *Æneid* are translated with special attention given to prosody. Prose composition is also required.

4. **Fourth Year**; open to all who are qualified; three hours a week throughout the year. Cicero's *De Amicitia*; *Odes* of Horace; Livy's *Roman History*, books XXI, XXII, Terence's *Andria.*

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

The object of this department is to familiarize the student with the leading facts of history, to acquaint him with the general relation of events, to accustom him to look for the causes that produce certain effects, and to enable him to follow the evolution of institutions and the influences of men and measures; to inspire him with a love for historical investigation, and to acquaint him with the best methods of studying and teaching history; also to familiarize him with municipal and state governments, with the constitution and government of the United States, and with the logic of economics and the laws governing the accumulation and distribution of wealth.

The work is conducted by means of lectures and class-room recitations, and by investigations in the library upon topics assigned for special study.

a. **The Orient and Greece**; required of students in the second year of the Classical Course; five hours a week during the term.

b. **History of Rome**; required of students in the second year of the Classical Course; five hours a week during the second term.

c. **European History**; required of students in the third year of the Classical Course; two hours a week throughout the year.

d. **American History**; required of students in the high school courses; three hours a week throughout the year. This course assumes a fair knowledge of the amount of history required in the eighth grade of district schools. The periods of discovery and colonization are treated briefly and the study is devoted mainly to the political, constitutional, and industrial development of the United States during the national epoch.

e. **Civil Government**; required of students in the high school courses; two hours a week throughout the year. This course embraces a study of township, county, city, and state governments, and of the Constitution and government of the United States.

1. **Political Economy**; required in the fourth year of the Industrial and Business courses, open as an elective in others; three hours a week throughout the year. This course deals with the logic of economics and the laws governing the accumulation and distribution of wealth.

2. **Grecian History**; open as an elective; two hours a week throughout the year. This course is a study of the political and intellectual development of Greece, special attention being devoted to the Athenian and Spartan forms of government, and to the confederacies of Achaia and Ætolia.

3. **Roman History**; open as an elective; two hours a week throughout the year. This course is a study of the political development and territorial growth of Rome, and the leading economic problems and constitutional questions associated therewith. Attention is also directed to the influence which the political institutions and legal conceptions of Rome have exerted in modern times.

4. **The Middle Ages**; open as an elective; three hours a week throughout the year. The Holy Roman Empire, the Feudal System, the Crusades, the Papal Supremacy, the Monastic Systems, the Renaissance.

5. **The French Revolution, its Causes and History**; open as an elective; three hours a week throughout the year. This course is introduced by a brief sketch of the Dutch, English, and American Revolutions.

6. **Constitutional and Political History of the United States**; open as an elective; four hours a week throughout the year. In this course special attention is given to the various local systems of government, and

the development, during the colonial and revolutionary periods, of the principles embodied in the Constitution.

7. **The Civil War; Reconstruction; National Development**; open as an elective; four hours a week throughout the year.

8. **History and Philosophy of the State**; open as an elective, five hours a week throughout the year. This course deals with the nature and origin of the State; its organization and development, as exemplified in the histories of Greece, Rome, Modern Europe, and the United States.

9. **International Law**; open as an elective; three hours a week throughout the year. Course 9 gives an outline of the laws recognized in international affairs, with an historical treatment of their development and modifications.

EDUCATION.

PROFESSOR HALL.

1. **Pedagogy**; required of fourth year Normal students; four hours a week throughout the year. This course deals with the application of the principles of teaching to the various school branches. Methods of teaching, school management, government, discipline, etc. are emphasized. McMurry's *Special Methods*, Scott's *Organic Education*, and *Waymarks for Teachers* are used as texts, supplemented by lectures and discussions. A review of Arithmetic and Grammar are given in this course.

2. **Child Study**; elective to students who have completed Psychology I. Two hours a week throughout the year. Chamberlin's *The Child*, and Oppenheim's *Development of the Child* are the texts used.

3. **History of Education**; open as an elective to

students who are prepared for the work. Three hours a week throughout the year. This course treats thoroughly the history of ancient, mediæval, and modern education. Laurie's *Pre-Christian Education*, and Compayre's *History of Pedagogy* are the texts, which are supplemented by readings from Davidson's and other works and by lectures and discussions.

4. **Philosophy of Education**; open as an elective to those who have completed course 3 in Education and course 1 in Philosophy; two hours a week throughout the year. Study and discussion of special topics in the philosophy of education, and of the great exponents of educational thought and practice. Rosenkranz's *Philosophy of Education* and Tompkin's *Philosophy of Teaching*. Lectures and class discussions, with supplementary readings.

5. **Educational Systems**; open as an elective to those who have taken course 2; two hours a week throughout the year. The comparative study of educational systems, domestic and foreign; the Reports of the Commissioner of Education; and suitable reports of the National Educational Association will be considered. Lectures and discussions.

PHILOSOPHY.

PROFESSOR HALL.

1. **Psychology I**; required of third year Normal students, open as an elective to others; three hours a week throughout the year. The aim of this course is to make the student familiar with the fundamental phenomena of mind, special attention being paid to the application of the principles of education. The physical basis of mind; importance and application of habit in education, knowing, feeling, and willing, are leading topics of the course.

Texts: Titchener's *Primer of Psychology*, and Stout's *Elementary Psychology*.

2. **Psychology II**; open as an elective to those who have completed course 1; three hours a week during the first term. Lectures, recitations, discussions, private reading and theses. James' *Principles of Psychology*, Stout's *Mauual of Psychology*, and other standard works.

2. **Ethics**; a continuation of course 2; three hours a week during the second term. Introduction to the various schools of ethics; fundamental moral ideas and their order; the good, its definition and nature; subjective ethics; development in morals; moral responsibility; merit and demerit; ethics and religion; ethics of the individual; duties to self and their relation to the duties of others; ethics of the family; and ethics of society. Mackenzie's *Manual of Ethics*, and supplementary reading.

4. **Logic**; open to those who have completed course 2; three hours a week during the second term. Lectures and class discussions. Creighton's *Introductory Logic*, and Poland's *Laws of Thought.*

5. **History of Philosophy**; three hours a week throughout the year. The aim in this course is to trace historically the subject of philosophy from its origin to the present time. including a consideration of the biographies and characteristic teachings of the most eminent philosophers, ancient and modern. Lectures, class discussions, private readings, and theses. Roger's *Student's History* of *Philosophy* and selections from standard works.

MATHEMATICS.

ASSISTANT PROFESSOR SKIDMORE.
INSTRUCTOR PERRY.

The aim in all the courses in mathematics is to cultivate habits of exact, sustained, and independent reasoning, of precision and clearness in the statement of convictions and the reasons upon which they depend; to develop insight;

originality, and judgment, and power to surmount difficulties. From the first, students who show special aptitude are encouraged to pursue subjects which require more prolonged investigation than the daily exercises of the classroom.

In the elementary courses the students are required to exhibit in the class-room the results of their private study. Whenever practicable, lectures are given on subjects not fully treated in the text-books. In the higher elective courses the students are given greater latitude in their investigations, and are made acquainted as far as possible with the results of the most recent developments in mathematical science.

a. **Algebra I**; required of students in the first year of the high school courses; five hours a week throughout the year. An elementary course including a thorough study of quadratic equations. Wells' *Essentials of Algebra.* Two sections.

b. **Plane Geometry**; required of second year students in high school courses; three hours a week throughout the year. The work of the regular course in Plane Geometry will be supplemented by numerous problems. Wells' *Plane Geometry.* Two sections.

c. **Geometry, Algebra II;** required of third year students in high school courses and in Preparatory Course in Civil Engineering; four hours a week throughout the year.

(a). Solid Geometry; Phillips and Fisher's *Geometry.* First term.

(b). Algebra; advanced work in the fundamental operations, fractions and simple equations. A study of the higher series and some of their applications. Wells' *College Algebra.* Second term.

1. **Algebra III. Trigonometry**; required of fourth year students in the Classical and Scientific courses and of

first year students in College courses; three hours a week throughout the year. Prerequisite mathematics a, b, and c.

(a). Algebra. Among the subjects treated will be the theory of elimination by determinants and an introduction to the study of the higher equations. Wells' *College Algebra.* First term.

(b). Trigonometry. Plane and spherical trigonometry, including a study of some of the more important applications. Wells' *Trigonometry.* Second term.

2. **Analytic Geometry;** required of students in the second year of the Civil Engineering Course; open as an elective to others; two hours a week throughout the year. An application of algebraic methods to geometry. Plane curves. Introduction to the analytical geometry of space. Based on Ashton's *Analytic Geometry.*

3. **Differential and Integral Calculus**; required of students in the second year of the Civil Engineering Course, elective to others; three hours a week throughout the year, An elementary treatment based on Osborne's *Differential and Integral Calculus.*

4. **Analytic Mechanics;** required of students in the fourth year of the Civil Engineering Course, elective to others; three hours a week throughout the year. The course is based on Bowser's *Analytic Mechanics.* Supplementary work in other texts.

5. **Theory of Equations Including Determinants**; elective; three hours a week throughout the year. Burnside and Panton's *Theory of Equations* Vol. I and Vol. II will be supplemented by lectures.

6. **Advanced Analytic Geometry**; elective; five hours a week during the first term. C. Smith's *Conic Sections.*

7. **Solid Analytical Geometry**; elective; five hours a week during second term. Sequel of course 6. C. Smith's *Solid Geometry.*

8. **Advanced Calculus**; elective; five hours a week throughout the year. Byerly's *Differential Calculus and Integral Calculus.*

9. **Differential Equations**; required of students in the third year of the Civil Engineering Course, elective to others; three hours a week throughout the year. An advanced course in Calculus including parts of Murray's *Differential Equations.*

10. **History and Philosophy of Mathematics**; elective; one hour a week throughout the year. Ball's *History of Mathematics;* Comte's and Bledsoe's *Philosophy of Mathematics.*

PHYSICS.

1. **General Physics**; open as an elective to students who have completed Physics a, and Mathematics 2; four hours a week throughout the year. The aim in this course is to give as thorough a treatment of the subject as is usually given without the aid of the calculus. Carhart's *University Physics.* Assistant Professor Skidmore.

2. **Advanced Physics**; open as an elective to those who have completed Physics 1, and Mathematics 3 and 4; three hours a week throughout the year. This course consists of a mathematical treatment of sound, light, and heat.

3. **Electricity and Magnetism**; open to those who have completed Physics 1 and Mathematics 3 and 4; two hours a week throughout the year. J. J. Thompson's *Elements of the Mathematical Theory of Electricity and Magnetism.*

4. **The Steam Engine**; elective in the third and fourth years; two hours a week throughout the year. Elementary Physics a prerequisite. A theoretical and practical course which investigates the mechanism, construction, and operation of engines. It includes a study of details of

construction, erection, accessories, repairs, and inspection. A brief history of the development of the steam engine will also be given.

ASTRONOMY.

ASSISTANT PROFESSOR SKIDMORE.

1. **Descriptive Astronomy**; open as an elective; three hours a week during the first term. Frequent use of the telescope adds greatly to the value of this interesting science. Todd's *New Astronomy*, with supplementary work.

1. **Advanced Astronomy**; open as an elective; three hours a week throughout the year. A general consideration of the principles of mathematical Astronomy. Based on Young's *General Astronomy*.

CIVIL ENGINEERING.

1. **Mechanical Drawing**; required of freshmen; two hours a week throughout the year. Use of instruments, solution of geometrical problems, inking, principles of projection, working drawings. Faunce's *Mechanical Drawing*. Lectures and Laboratory work.

2. **Descriptive Geometry**; required of sophomores; two hours a week throughout the year. The course is adapted to students in civil engineering. Representation of lines, planes, surfaces and solids, and of their relations; shades, shadows, and perspective; original problems. Reference books: Faunce's *Descriptive Geometry*, MacCord's *Descriptive Geometry*, and Hill's *Shades, Shadows, and Perspective*.

3. **Surveying**; required of sophomores; three hours a week throughout the year. A practical course based on Johnson's *Theory and Practice of Surveying*.

4. **Railroad Engineering**; required in the junior year, three hours a week during the first term. The theory relating to railroad surveying, including reconnaissance, preliminary survey, location, determination of grades, cross-sectioning, map and profile, computations. Reference books: Searle's *Field Engineering*, Wellington's *Railway Locations*, and Tratman's *Track and Track Work.*

5. **Geodetic Engineering**; required in the junior year, three hours a week during the second term. Study of instruments and field methods used in geodetic surveying. Practice in the use of instruments of precision for the measurement of base-lines, angles, and differences of level. Text book: Merriman's *Geodetic Surveying.*

6. **Sanitary Engineering**; required in the senior year; two hours a week during the first term. Conditions affecting water, water-pipe systems, filtration, utilization and disposal of sewage; ventilation and trapping of basins, closets, and sewer-pipes.

7. **Hydraulic Engineering**; required in the senior year; two hours a week during the second term. General principles; flow of water through pipes and orifices, over weirs, and in open channels; flow of gases; impulse and resistance of water, dams, reservoirs, and canals; design of water systems. Merriman's *Hydraulics.*

8. **Highway Construction;** required in the senior year; three hours a week during the first term. Surveys, location, grades, foundations; materials, brick, wood, asphalt, cement, etc; maintenance, expense, tools required in construction. Text-book: Byrne's *Highway Construction.*

9. **Masonry;** required in the senior year; three hours a week during the second term. Stability of masonry structures in general; arches with vertical and inclined loads; foundations, walls, earth and high masonry dams; cement, concrete and masonry. Reference-books: Cain's *Retaining Walls*, and Baker's *Masonry and Foundations.*

10. **Irrigation.** required in the junior year; three

hours a week throughout the year. Land irrigation; construction of reservoirs and canals; division, distribution, and use of water; periods for watering; practical problems. Reference-books: Fanning's *Water Supply*, Wilson's *Irrigation Engineering*, and Reports of Irrigation Investigations by U. S. Department of Agriculture.

11. **Mechanics of Machinery**; elective; three hours a week throughout the year. The machine, plane motion, constrainment, virtual motion, relative velocities, problems in machine dynamics, miscellaneous mechanisms, non-plane motion, friction in mechanisms and machines. Text-book: Kennedy's *Mechanics of Machinery*.

12. **Machine Drawing**; elective; two hours a week throughout the year. Working drawings of machines and structures. Original problems.

CHEMISTRY.

ASSISTANT PROFESSOR RIDGES.

1. **General Chemistry**; required in the freshman year of College courses; five hours a week during the first term. Lectures, recitations, and laboratory work. Hessler and Smith's *Essentials of Chemistry*.

2. **Qualitative Analysis**; open to those who have completed course 1: five hours a week during one term. Chiefly laboratory work, with discussions on schemes for analysis, solutions of problems, etc.

3. **Quantitative Analysis**; open to those who have completed courses 1 and 2; six hours credit, from twelve to fiteen hours laboratory work a week being required.

4. **Advanced Qualitative Analysis**; five hours a week during the first term. This is a continuation of course 2; special problems in analysis and synthesis with practical applications. Fresenius' *Manual of Qualitative*

Analysis, and Prescott and Johnson's *Qualitative Analysis*, as guides.

5. **Advanced Quantitative Analysis**; five hours a week during the second term. Open to those who have completed courses 1, 2, and 3. The work includes the analysis of some commercial preparations, limestones, ores, etc.

6. **Industrial Chemistry**; open to those who have had course 1; three hours a week during the second term. This course comprises a study of the following: Air and its contamination; gas and oil lighting; petroleum; pigments, paints, etc.; explosives; glass; photography.

7. **Organic Chemistry**; open to those who have had course 1; five hours a week during the first term. Lectures, recitations, and laboratory work. This is an elementary course designed to acquaint the student with the common compounds of carbon, such as fats, soaps, dyes, perfumes, hydrocarbons, etc. Remsen's *Organic Chemistry*.

8. **Assaying**; open to all who have had courses 1 and 2; three hours a week during the second term. This course should be accompanied or preceded by course 3.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.
INSTRUCTOR HENDERSON.

1. **Morphology of Invertebrates**; elective to those who have completed course a; three hours a week throughout the year; lectures two hours, laboratory four hours. Typical invertebrate forms, both marine and those of our own locality, are studied by dissection and prepared specimens. Enough systematic work will be given to show the relationship existing between the groups. Laboratory fee, $1.25 a term.

2. **Morphology of Vertebrates**; elective to students completing course 1; three hours a week throughout the year; lectures two hours, laboratory four hours. This course consists of lectures, assigned readings, and the dissection of such typical forms as the hagfish, the lizard, the snake, the pigeon, the cat, etc. Laboratory fee, $1.25 a term.

3. **Thallophytes**; elective to those who have completed course a; three hours a week during first term: two lectures and four hours in the laboratory. A morphological and systematic study of the commoner forms of Algae and Fungi Special attention is given to smut, rust, mildews, etc. Laboratory fee, $1.00.

4. **Spermatophytes**; elective to those who have completed course a; three hours a week during second term; two lectures and four hours of laboratory and field work· Lectures are given on the principles of classification, followed by a study of the gross structure of our common flowering plants. Laboratory fee, $1.00.

4. **Morphology of Compositæ;** elective to those who have completed course 2; three hours a week during the second term; two lectures and four hours laboratory practice. A morphological and systematic study of Compositæ. Laboratory fee, $1.00.

6. **Bryophytes and Pteridophytes**; elective to those who have completed course 1; three hours a week during second term: two lectures and four hours laboratory and field work. A morphological and systematic study of Mosses and Ferns, our local species receiving the special attention of the student. Laboratory fee, $1.00.

7. **Histology and Physiology of Plants**; elective to those who have completed course 2; three hours a week throughout the year. A study of the microscopic structure, the development, and the vegetative processes of Phanerogams. Laboratory fee, $1.50 a term.

8. **Elementary Bacteriology**; elective to those

who have completed courses a and b; five hours a week during the first term: one hour lecture and recitation, and eight hours in the laboratory. This is a course in methods of staining and cultivating the more common forms of bacteria, the preparation of culture media, and a study of methods of bacteriological analysis of water, milk, etc. Laboratory fee, $1.50.

4. **Pathogenic Bacteriology**; elective to those who have completed course 8; five hours a week during the second term: two hours lecture and recitation, and six hours laboratory practice. This is a further study of technique, and a careful examination of common disease germs. Lectures are given on the germ theory of disease, methods of sterilization and Pasteurization, and such other work essential to a thorough knowledge of bacteriology. Laboratory fee, $1.50.

10. **Advanced Bacteriology**; elective to those who have completed courses 8 and 9; four hours a week throughout the year. This is a course in research work. Some problem in which the student is interested will be assigned for careful investigation. Laboratory fee, $2.00 each term.

ANATOMY, PHYSIOLOGY AND HYGIENE.

ASSISTANT PROFESSOR RIDGES.

1. **Physiology II**; open to those who have had course a; four hours a week throughout the year. Lectures, recitations, and laboratory work. It is the aim in this course to make a thorough, detailed study of the structure and functions of the organs of the human body, and to demonstrate all points as far as can be done in the ordinary laboratory. Special attention is given to the processes of life, and the laws which control the development of the human body.

2. **Histology**; open to those who have taken course

1; three hours a week throughout the year. This course is a microscopical study of normal elementary tissues, and an acquaintance with methods of preparing material for microscopical examination. The student will receive thorough drill in embedding, sectioning, and staining. Laboratory fee, $2.00 each term.

GEOLOGY AND MINERALOGY.

ASSISTANT PROFESSOR JENSEN.

1. **Elementary Geology**; required of fourth year Normal students, elective to others; five hours a week during the second term. An elementary course in dynamical, structural, and historical geology, arranged with special reference to the needs of the teacher.

2. **Advanced Geology**; elective to those who have completed course I; three hours a week throughout the year. Lectures, laboratory and field work. An advanced course in dynamical, structural, and historical geology. The study of typical fossils, and the determination of local geological formations will form an important part of the work. Le Conte's *Elements of Geology* (latest edition), is the regular text book. Geikie's *Text Book of Geology*, Lyell's *Principles of Geology*, and Dana's *Manual of Geology* are used as reference works. and outside readings from reports of U. S. Geological Surveys are prescribed.

3. **Economic Geology**; elective to those who have completed course 2; three hours a week during the first term. Lectures, laboratory and field work. A study in practical geology, dealing with minerals, rocks, ores, soils, fertilizers, mineral springs, etc. Mining terms and methods are discussed, and brief descriptions given of our great gold and silver producing mines. Tarr's *Economic Geology* is the class book. Page's *Economic Geology* and works upon special subjects are used as text and reference books.

4. **Geological Biology**; elective to those who have completed course 2; three hours a week during the second term. This course is an introduction to the study of paleontology, and comprises discussions on the history of organisms, the relation of the biological sciences to the science of geology, evolutionary theories and kindred subjects. Lectures and field work.

5. **Great Basin;** elective to those who have completed course 2; three hours a week during the first term. A study of the origin and growth of the Great Basin and Plateau regions, with their characteristic mountains, rivers, and lakes. Lectures and field work.

6. **Elementary Mineralogy**; elective to those having suitable preparation; three hours a week during the second term: two lectures and four hours laboratory work. This course is an elementary study of mineralogy. The student is taught to determine the more common minerals, and is made acquainted with some of their most important properties. Dana's *Minerals and How to Study Them.* Laboratory fee, $1.50.

7, **Advanced Mineralogy**; elective to those who have completed course 6, and Chemistry 1: lectures two hours, laboratory work four hours throughout the year. The work of this course is a continuation of course 6, but enters more into detail. Special attention is given to crystallography and blow-pipe analysis; the student being required to determine not fewer than seventy-five mineral species. Dana's *System of Mineralogy* and Williams' *Crystallography*. Laboratory fee, $2.00 a term.

HIGH SCHOOL.

ENTRANCE REQUIREMENTS.

Graduates of the State District Schools and those who have completed the Preparatory Course of the College are admitted without examination to the High School Courses. Other applicants for admission to these courses must pass a satisfactory examination in the following subjects:

English.—The examination in grammar is based on Reed and Kellogg's *Higher Lessons in English.* Simple exercises in composition will be included, requiring a knowledge of the structure and arrangement of sentences and paragraphs, the use of capitals, and the simpler principles of punctuation.

The applicant should be able to read intelligently any selection in the *Stepping Stones to Literature*, *Book VIII*, and to spell the words in the *Modern Spelling Book.*

United States History.—Thomas' or Ellis' *United States History*, or an equivalent.

Geography.—Frye's *Complete Geography*, or an equivalent. More importance will be attached to a knowledge of countries and people than to a knowledge of obscure points of topography. The geography of the United States. and particularly of Utah, should be known in considerable detail.

Arithmetic.—Fundamental principles, decimal and common fractions, denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight. United States money;

measurements; and the simpler cases of percentage. Southworth's *Essentials of Arithmetic, Book II.*

Penmanship.—The examination in penmanship is based on Michael's System of Rapid Writing, or on any of the vertical round hand systems. The applicant will be tested as to position, legibility, and rapidity of movement.

MISSIONARY COURSE.

Missionaries presenting certificates of appointment are admitted to this course without examination. Others may be admitted provided they show their ability to do the work outlined, and obtain permission from the College authorities.

COURSES OF STUDY.

The following courses of high school grade are offered by the College:

1. Classical Course, four years.
2. Scientific Course, four years
3. Normal Course, four years.
4. Business Course, four years.
5. Industrial Course, four years.
6. Mechanic Arts Course, four years.
7. Domestic Course, four years.
8. Preparatory Engineering Course.
9. Short Business Course, two years.
10. Short Domestic Course, two years.
11. Missionary Course, one year.
12. Preparatory Course, one year.

The *Classical Course* is offered for those who desire a culture training. The person who receives a thorough education in Latin, Greek, and mathematics, along with the usually related subjects, has in many respects, a decided advantage in life over the one not having had such training. This course is adapted for those who expect to do advanced work along the lines of English and other modern languages, history, anthropology, sociology, law, medicine, etc; at the same time, however, the work is so planned as to give an excellent preparation for life to those who do not continue their studies beyond this course.

The *Science Course* aims to emphasize the natural sciences by requiring one or more in each of the four years of the outlined work. The purpose of this arrangement is to familiarize the student with nature and some of her manifestations and to give such a training in scientific methods of thought and investigation as will introduce him to the great problems of the age. This course also gives an excellent preparation for college and university courses in English and other modern languages, natural science, mathematics, history, etc., and is especially suited as a preparation for courses in engineering.

The principal aim in the *Normal Course* is to qualify students for the profession of teaching. The regular normal work is so combined with moral and religious instruction, and with literary, historical, mathematical, and scientific subjects as to insure most efficient preparation for teachers, and a practical, harmonious education for persons who may not desire to teach. There is a great demand for well qualified teachers, principals, and superintendents. As artists, lawyers, engineers, physicians, must attend their professional schools or colleges before entering successfully upon the work of their respective professions, so the modern progressive teacher must receive a thorough and extensive course in a well-equipped Normal School before being able to direct successfully and wisely the work of the schoolroom.

Beginning with the third year, the professional work of the Normal Course extends through two years, and includes thorough courses in the principles and practice of teaching, school organization and school management, the fundamental laws of mind development with reference to their application in teaching, and the history and philosophy of education.

In connection with this course, a *Normal Training-School* is maintained by the College. In this school each grade is in charge of an experienced critic teacher, chosen with special reference to his fitness for the work of his grade. Here the Normal students have an opportunity to observe the regular work, and later to teach in each grade, thereby putting into practice the principles of instruction given in the class room. Their teaching is observed daily by critic teachers and normal instructors, who assist the students in the preparation of their work and offer directions and criticisms. The time thus devoted to teaching under the supervision of specialists is ordinarily worth more to the teachers than years of unaided experience. In the fourth year of this course, a review of one hour a week is prescribed in grammar and arithmetic to insure a high standard of excellence in these subjects.

The *Business Course* is designed to prepare students for commercial business pursuits, and furnishes the necessary technical training in penmanship, bookkeeping, stenography, typewriting, commercial arithmetic, commercial law, political economy, civil government, and the other branches usually offered in a business course. At the same time the fact is emphasized that a business education is not merely the imparting of such knowledge as is necessary to make bookkeepers, stenographers, and clerks, but that it comprehends a broader field, including instruction in such other subjects as are requisite to a good general education. Its completion gives a foundation upon which future success in any line of business may be reared.

The *Industrial Course* offers excellent opportunities to those who do not expect to continue their education beyond the High School, and who wish to receive some practical instruction to accompany the usual theoretical subjects of such a course. Work in agriculture, horticulture, animal industry, and manual training, has been provided to fit young men for the farm, the garden, the orchard, the shop; and work in domestic arts to prepare young women for the home. The course is especially arranged to meet the growing demand for practical work along industrial lines.

The *Mechanic Arts Course* offers an opportunity for a thorough training in the use of wood-working tools and machinery and also for such a general acquaintance with the principles of carpentry as will fit the student for practical work. Four years of instruction are given. During the first year the student spends his time with hand tools; later, thorough instruction is given in the use of the principal forms of wood-working machinery. Accuracy and neatness will be insisted upon and all work done will be according to a previously prepared plan, the object being not only to teach the carpenter's trade, but to discipline and train the eye and the hand as well as the mind, and thus by associating manual and mental training, to educate thoroughly the student for the duties of life, whatever may be his chosen profession. The Laboratory is provided with the necessary tools and machinery.

The *Domestic Courses* are offered in order that young women may have the opportunity of obtaining a good training, not only in the distinctive subjects of a domestic course but also in English, in mathematics, in history and civics, and in the natural sciences. They thus receive the culture that comes from pursuing systematic courses of instruction while preparing themselves for the highest of all duties—those of the home. It is designed that the course shall be not only theoretical but also practical, the instruction being adapted to the conditions and needs of the great majority of homes.

The *Preparatory Engineering Course* is offered to give the preparation that is needed for admission to civil, mechanical, mining, and electrical engineering courses. The subjects are so arranged that, while a preparation is given for entrance to the above named courses, their completion will prepare the student to enter most of the baccalaureate courses of colleges and universities.

The *Short Business Course* is given for the accommodation of those who are unable to take the longer course. It furnishes the necessary technical training to qualify students for positions as accountants and stenographers, and is equal to the regular business course offered by commercial schools.

The *Missionary Course* is especially arranged to meet the needs of those who have been called by the Presidency of the Church to prepare for immediate missionary service. The aim in this course is to do all that is possible in the time spent toward preparing students for active work in the ministry.

The *Preparatory Course* is outlined for young men and young women who, through force of circumstances, have been prevented from preparing themselves for entering the High School until they have arrived at such an age that it would be a serious waste of time to work in the grades of the public schools. In addition to the subjects usually required for entrance to the high school, the young men are allowed to elect work in agriculture or in carpentry, and the young women are allowed to enter one of the courses in domestic arts.

ACADEMIC COURSE.

Students who entered upon this course before 1902 will be allowed to continue it until their graduation, provided they complete their work by June, 1905. After that date the course will be entirely withdrawn.

CLASSICAL COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Latin	4		4
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ*	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Hist. of Orient & Greece	5	History of Rome	5
Latin	4		4
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
European History	2		2
Latin	4		4
Greek	4		4
	20		20

FOURTH YEAR.	First Term.		Second Term.
Church History and Doc.	3		3
Rhetoric II	2		2
Algebra III	3	Trigonometry	3
American History	3		3
Physics	4		4
Greek	4		4
	19		19

SCIENCE COURSE.

FIRST YEAR.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
French, Germ., or Latin	4		4
	20		20

SECOND YEAR.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Zoology	5	Botany	5
French, Germ., or Latin	4		4
	20		20

THIRD YEAR.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Physiology I	2		2
Physics	4		4
French, Germ., or Latin	4		4
	20		20

FOURTH YEAR.	First Term.	Second Term.	
Church History and Doc.	3		3
Rhetoric II	2		2
Algebra III	3	Trigonometry	3
American History	3		3
Chemistry	5	Geology	5
French, Germ., or Latin	4		4
	20		20

NORMAL COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiograghy	3		3
Vocal Music, Elocution*	4		4
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing†	2		2
Zoology‡	5	Botany†	5
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Psychology	3		3
Theory of Teaching	2		2
American History	3		3
Civil Government	2		2
Physics	4		4
	20		20

FOURTH YEAR.	First Term.		Second Term.
Church History and Doc.	3		3
Rhetoric II	2		2
Training	4		4
Pedagogy	4		4
European History	2		2
Chemistry	5	Geology	5
	20		20

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*Or elect from Manual Training, Household Economics, Agriculture.
†Will not be given in 1903-04.
‡Or elect from Animal Industry, Horticulture, and Domestic Arts, a, c, g.

BUSINESS COURSE.

FIRST YEAR.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Commercial Arithmetic	5	5
Physiography	3	3
Penmanship	2	2
Business Correspondence	2	2
	20	20

SECOND YEAR.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric I	5	5
Bookkeeping	3	3
Stenography*	5	5
Language*	4	4
	20	20

THIRD YEAR.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Bookkeeping and Banking	4	4
American History	3	3
European History	2	2
Elective	5	5
	20	20

FOURTH YEAR.	First Term.	Second Term.
Church History and Doc.	3	3
Rhetoric II	2	2
Commercial Law	3	3
Political Economy	3	3
Com. and Transportation	3	3
Civil Government	2	2
European History†	2	2
Telegraphy†	2	2
	20	20

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*Or elect from History a and b, Algebra, Cooking, Agriculture, Carpentry.
†Or elect Physics or a Language.

INDUSTRIAL COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Agriculture*	4		4
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing	2		2
Animal Industry, or Domestic Arts, g	5	Horticulture or Domestic Arts, g	5
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
American History	3		3
Civil Government	2		2
Physics	4	Agricultural Physics	4
Domestic Arts, or Practical Entomology	4	Domestic Arts or Plant and Animal Parasites	4
	19		19

FOURTH YEAR.	First Term.		Second Term.
Church History and Doc.	3		3
Economics	3		3
Chemistry	5	Soils and Fertilizers	5
Dressmak'g or Carpentry	4		4
Commercial Law	3		3
Elective	2		2
	20		20

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*Or elect four hours from the following: Household Economics, Vocal Music, Elocution.

MECHANIC ARTS COURSE.

First Year.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Carpentry I	4		4
	20		20

Second Year.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing	2		2
Carpentry II	5		5
	20		20

Third Year.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Physics	4		4
Carpentry III	5		5
American History*	3		3
Civil Government*	2		2
	20		20

Fourth Year.	First Term.		Second Term.
Church History and Doc.	3		3
Rhetoric II	2		2
Mechanical Drawing	2		2
Commercial Law	3		3
Chemistry	5	Geology	5
Carpentry IV	5		5
	20		20

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*Or elect History a and b.

DOMESTIC COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra or Com. Arith	5		5
Household Economics	2	Laundering (⅓ yr.)	2
Plain Sewing	3	Cutting and Fitting	3
Vocal Music or Drawing	2		2
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3		3
Rhetoric I	5		5
Dressmaking	5		5
Cooking I	5		5
Physiology	2		2
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Fruit Work, Cooking II	4	Invalid Cooking*	4
Art Needle-work	2		2
Chemistry	5	Botany	5
Elective	3		3
	20		20

FOURTH YEAR.	First Term.		Second Term.
Church Hist. & Doctrine	3		3
Rhetoric II	2		2
Art of Nursing	4	Chemistry of Foods	4
Hygiene & Sanitation	4	Science of Nutrition	4
American History	3		3
Elective	4		4
	20		20

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* One-third of year is given to each of these subjects.

PREPARATORY ENGINEERING COURSE.

FIRST YEAR.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
French, Germ., or Latin	4		4
	20		20

SECOND YEAR.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Drawing	2		2
American History	3		3
French, Germ., or Latin	4		4
	20		20

THIRD YEAR.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Physiology I	2		2
Physics	4		4
French, Germ., or Latin*	4		4
	20		20

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*Or elect Carpentry.

SHORT BUSINESS COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Commercial Arithmetic	5		5
Physiography	3		3
Penmanship	2		2
Business Correspondence	2		2
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Stenography	5		5
Typewriting	2		2
Bookkeeping	3		3
Commercial Law	3		3
	21		21

SHORT DOMESTIC COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra or Com. Arith.	5		5
Household Economics	2		2
Plain Sewing	3	Cutting and Fitting	3
Vocal Music or Drawing	2		2
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5	Botany	5
Cooking I	5		5
Dressmaking	5		5
Physiology	2		2
	20		20

PREPARATORY COURSE.*

	First Term.	Second Term.
Bible Readings	3	3
English	5	5
Arithmetic	5	5
Geography	3	3
U. S. History	2	2
Elective†	4	4
	22	22

MISSIONARY COURSE.*

	First Term.		Second Term.
Church History	5	Bk. of Mor. & Mod. Rev.	5
Principles of the Gospel	5		5
Scripture Readings	3		3
English‡	5		5
Singing	2		2
	20		20

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*For further information regarding these courses consult index.

†From the following: Penmanship, Cutting and Fitting, Agriculture, Carpentry, Household Economics.

‡Or a foreign language.

COURSES OF INSTRUCTION.

THEOLOGY.

Assistant Professor Chamberlin.

In connection with the work outlined in the following courses, provision is made for general and special instruction on theological lines. Devotional exercises, consisting of singing, prayer, and short talks are conducted daily.

It is the aim in this department to give the students a thorough knowledge of the subjects offered, to develop faith in the practice of Gospel principles, and to prepare for efficient work in the ministry and in the different organizations of the Church.

a. **Book of Mormon I**; required of all first year students; three hours a week throughout the year. A course of lectures is given on the divine authenticity of the *Book of Mormon*. Based on the *Book of Mormon* as a text, with references to *Book of Mormon Dictionary* by Reynolds, and to various works on prehistoric America. Four sections. Professors Ridges, Jensen, Skidmore, Instructor Merrill.

b. **Life of Christ**; required of all second year students; three hours a week during the first term. The most important events in the life of Christ are considered, and sufficient geographical and historical information is given to make the subject most interesting and profitable. Two sections. Professors Chamberlin and Hall.

c. **Apostolic Age**; a continuation of course b; three hours a week during the second term. This course includes a study of the development of Christianity and its growth through the missionary labors of the Apostles. A study of the epistles and the apocalypse is a prominent part of the work. In courses b and c the most important principles of the Gospel are considered in connection with the teachings of Christ and the Apostles.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR VERNON.
INSTRUCTOR BUSH.
INSTRUCTOR PERRY.
INSTRUCTOR KEMP.

a. **Grammar and Composition**; required of all first year students in the high school courses; five hours a week during one term, four hours of which are given to a technical study of the principles of English Grammar. One hour a week is devoted to theme-writing, mostly reproductions. Two sections each term. Instructor Bush.

b. **Classics**; required of all first year students in the high school courses; five hours a week during one term. This course includes a study of several American classics, together with some systematic training in the use of the voice, and drill in articulation and expression. Orthography forms an important part of the course. Two sections each term. Professor Vernon.

c. **Business Correspondence;** required of students in the first year of the Business courses; two hours a week throughout the year. The work of the first term comprises a thorough study of punctuation and kindred subjects, thus preparing the way for the work of the second term, which is given up to the theory and practice of letter-writing. Two sections. Instructor Kemp.

d. **Elocution I**; elective in the high school courses; two hour a week throughout the year. This course includes a drill in the essentials of good reading and expression, and also an application of the elementary principles of elocution in the analysis of selections from standard authors. Instructor Perry.

e. **Rhetoric I**; required of all students in the second year of the high school courses; five hours a week throughout the year. This course is based on Herrick and Damon's *Composition and Rhetoric.* Bi-weekly themes and collateral readings are required. Two sections. Instructor Bush.

f. **English Literature**; required of third year students in the high school courses; three hours a week throughout the year. A general survey of English literature, consisting of lectures, readings, and reports. The Age of Shakespeare and the Age of Wordsworth receive particular attention. Professor Vernon.

ANCIENT AND MODERN LANGUAGES.

PROFESSOR CHAMBERLIN.
INSTRUCTOR GLARDON.
INSTRUCTOR HENDERSON.

For an outline of the courses in these departments see pages 32-34 of this Catalogue.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

a. **The Orient and Greece**; required of students in the second year of the Classical Course; five hours a week during the first term.

b. **History of Rome**; required of students in the second year of the Classical Course; five hours a week during the second term.

c. **European History**; required of students in the third year of the Classical Course; two hours a week throughout the year.

d. **American History**; required of students in the high school courses; three hours a week throughout the year. This course assumes a fair knowledge of the amount of history required in the eighth grade of district schools. The periods of discovery and colonization are treated briefly and the study is devoted mainly to the political, constitutional, and industrial development of the United States during the national epoch.

e. **Civil Government**; required of students in the high school courses; two hours a week throughout the year. This course embraces a study of township, county, city, and state governments, and the Constitution and government of the United States.

EDUCATION.

PROFESSOR HALL.

As a preparation for the work in education, Normal students of the second year are requested to read carefully the following books: *Leonard and Gertrude*, *the Student's Froebel*, and *A Pot of Green Feathers*.

a. **Theory of Teaching**; required of third year students in the Normal Course; two hours a week throughout the year. This course is designed as a preparation for work in the Training-School, and includes a careful consideration of the principles of education, the mental development of the child, the laws of mind and of teaching, and of moral training. Putnam's *Pedagogics*, and *Parker's Pedagogics* are used as texts, supplemented by readings from Spencer's *Education*. *Herbart and the Herbartians*, and other works, and by lectures and discussions. Required readings: *My Pedagogic Creed*, *the Story of a Sand Pile*, *A Study in Dolls*, *Contents of a Child's Mind*, and *The Human Nature Club*.

b. **Training**; required of fourth year Normal students; four hours a week throughout the year. This course gives practice in teaching in the Normal Training-School under the direction of critic teachers. Outlining lessons, planning courses, and making programmes are features of this course. Required readings: Roussean's *Emile; The Meaning of Education; Reading: How to Teach it;* and *Talks to Teachers on Psychology and Life's Ideals.*

MATHEMATICS.

ASSISTANT PROFESSOR SKIDMORE.
INSTRUCTOR PERRY.

a. **Algebra I**; required of students in the first year of the high school courses; five hours a week throughout the year. An elementary course including a thorough study of quadratic equations. Wells' *Essentials of Algebra.* Two sections.

b. **Plane Geometry**; required of second year students in high school courses; three hours a week throughout the year. The work of the regular course in Plane Geometry will be supplemented by numerous problems. Wells' *Plane Geometry.* Two sections.

c. **Geometry, Algebra II**; required of third year students in high school courses and in Preparatory Course in Engineering; four hours a week throughout the year.

(a). Solid Geometry; Phillips and Fisher's *Geometry.* First term.

(b). Algebra; advanced work in the fundamental operations, fractions, and simple equations. A study of the higher series and some of their applications. Wells' *College* Algebra. Second term.

PHYSICS.

ASSISTANT PROFESSOR JENSEN.

a. **Elementary Physics**; required in the third year of the high school courses; four hours a week throughout the year. This course comprises a study of elementary mechanics, sound, heat, light, electricity, and magnetism. Recitations and laboratory work. Carhart and Chute's *Elements of Physics*, Chute's *Laboratory Manual*.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.
INSTRUCTOR HENDERSON.

a. **Elementary Zoology;** five hours a week during first term; three hours recitations and four hours laboratory practice. This course gives a general view of the animal kingdom. Living animals will be examined, and dissections made as a basis for understanding animal structure. Davenport's *Elements of Zoology*. Laboratory fee, $1. Instructor Henderson.

b. **Elementary Botany**; five hours a week during second term; three hours recitations, four hours laboratory practice. In this course it is intended to give the student a thorough understanding of the more obvious phenomena of plant structure and some of the simpler physiological processes of plant organisms, in order that a basis may be formed for all future intelligent study of the same. Enough classification will be given to make clear the relationship of the different groups, and also to enable the student to recognize the commoner types. Bergen's *Foundations of Botany*. Laboratory fee, 50 cents. Instructor Henderson.

ANATOMY, PHYSIOLOGY AND HYGIENE.

ASSISTANT PROFESSOR RIDGES.

a. **Physiology I**; required in the second year of high school courses; two hours a week throughout the year. The aim of this course is to make the student familiar with the more important principles of physiology and the laws of health. Colton's *Physiology, Experimental and Descriptive*.

GEOLOGY AND MINERALOGY.

ASSISTANT PROFESSOR JENSEN.

a. **Physiography**; required of students in the first year of all high school courses; three hours a week throughout the year. After the atmosphere and the physical features of the ocean have been discussed the remaining time of the course is devoted to the study of the development of the various land forms, together with the influence of such forms on the character and occupation of the people associated with them. Davis' *Physical Geography*, (latest edition). Four sections. Assistant Professors Jensen and Ridges.

BUSINESS.

ASSISTANT PROFESSOR BULLEN.
INSTRUCTOR MARLER.
INSTRUCTOR ANDERSON.

a. **Bookkeeping**; required of second year students in the Business courses; three hours a week throughout the year. Students are thoroughly drilled in the principles which underlie and form the foundation of bookkeeping, special attention being given to ruling, spacing, order and general arrangement of work, notes, drafts, receipts, checks, statements, invoices, trial balances, settlements incidental to the close of a year or winding up a business, the adjustment of partnership profits, methods of closing books, and other details connected with bookkeeping. The work is practical from the beginning, and largely individual. Students buy and sell as in actual business, dealing with commission, merchandising, manufacturing, jobbing, insurance, etc. Business is done directly with the College Bank, students making regular deposits, and paying bills by check. Instructor Marler.

b. **Bookkeeping and Banking**; required of third year students in the Business Course; four hours a week throughout the year. This course is a continuation of course a, and deals with banking and auditing, giving actual practice in expert accounting. Thorough instruction is given in opening books under more than ordinary circumstances, from a single proprietorship to a corporation; in outlining systems of bookkeeping especially adapted to certain lines of business; adjusting deranged books, admission of partners; dissolution of partnerships and settling of complicated partnership affairs. College currency, deeds, leases, mortgages, bills of exchange, insurance policies, and other forms of commercial paper found in the general routine of business are used. Special attention is given to corporation work. The bank is organized after the plan provided in the National Bank Act and is conducted along the lines of the modern system of banking; the students are the stockholders; regular meetings are held where officers are elected; dividends declared, and other business attended to. Each student serves in his turn, as Discount and Collection Clerk, Bookkeeper, Teller, and Cashier. Business is carried on with corresponding banks in other colleges in Utah and Idaho. Order, neatness, proficiency, and accuracy characterize the work. Assistant Professor Bullen.

c. **Commerce and Transportation**; required of fourth year students in the Business Course; three hours a week througout the year. This course embraces a study of the commerce and transportation of the State, the country, and all countries of the world with which we have any considerable trade; the origin and early development of commerce, and its influence on the world's civilization; discoveries, public works, inventions, legislative enactments, and other important influences by which the progress of the world has been affected; the more important commodities of commerce, the climate and conditions suited to their production, where they are found and the preparation necessary to fit them for the purposes of trade; the use of wind, steam, animals, conduits, and elecricity in carrying commodities; water and land transportation. Assistant Professor Bullen.

d. **Commercial Law**; required of second year students in the Short Business Course, and of fourth year students in the Business Course; three hours a week throughout the year. This course embraces a study of the laws governing the transactions of business in the world of commerce, including a knowledge of contracts, agency, partnership, corporations, business paper, liens, guaranty and suretyship, insurance, real estate, conveyances, stoppage, etc. Assistant Professor Bullen.

e. **Penmanship**; required of first year students in the Business courses; two hours a week throughout the year. The course in writing is systematic from beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student an easy, rapid business handwriting is acquired. Instructor Anderson.

f. **Stenography**; elective in the Business Course; five hours a week throughout the year. Individual and class instruction. In the class drill the students get the benefit of the stimulus given by competition. The second part of the year is given entirely to dictation and practical reporting. Benn Pitman and Gregg systems. Instructor Anderson.

g. **Typewriting**; elective in the Business Course; two hours a week throughout the year. A systematic course of instruction in touch typewriting is pursued. Students are taught proper fingering of the keys and handling, cleaning, oiling, and adjusting the machine. When the card exercises have been thoroughly mastered by the student, an extensive course is introduced, consisting of writing legal testimony and documents, specifications, commercial correspondence, manifolding, together with all other forms of work usually done on the typewriter. Students also have dictation exercises until a high speed is attained. Instructor Anderson.

h. **Telegraphy**; elective in the Business Course; two hours a week throughout the year. The student is required to learn the alphabet at the key, commencing with the most simple forms so as to enable him to commit them to memory; then he is taught more advanced combinations, learning to read by sound and at the same time making the sounds correctly on the key. In this way he advances progressively, reading and sending messages, until he has attained a speed of ten or twelve words a minute, after which he is drilled for speed. The student should take up in connection with the course, penmanship and typewriting, also English and mathematics. Instructor Anderson.

i. **Commercial Arithmetic**; required of all first year students in the Business courses; five hours a week throughout the year. This course includes a treatment of ratio and proportion, percentage, interest and discount, exchange, equation of payments, settlement of accounts, stocks and bonds, and partnership. Contracted methods are given special attention. Instructors Marler and Anderson.

DOMESTIC ARTS.

INSTRUCTOR HOMER.
INSTRUCTOR HUBBARD.
ASSISTANT NIBLEY.

a. **Plain Sewing**; required of all first year students in the Domestic Arts Course; three hours a week during the first term. This is, in the main, a laboratory course, the aim being to give each student a thorough knowledge of the stitches in plain sewing. Instruction is given in patching, cloth and stockinet darning, etc. Instructor Hubbard.

b. **Drafting, Cutting and Fitting**; required of all first year students in the Domestic Arts Course; three hours a week during the second term. The object of this course is to enable each member of the class to draft, cut, fit, and make garments correctly. Before the course is completed each student is made familiar with the management of a sewing machine in running seams, hemming, puffing, binding, etc. Instructor Hubbard.

c. **Dressmaking**; required of all second year students in the Domestic Arts Course; five hours a week throughout the year. An advanced course in drafting, cutting and fitting, and general dressmaking. Instructor Hubbard.

d. **Art Needle-Work**; required of all third year students in the Domestic Arts Course; four hours a week throughout the year. Instruction is given in making lace, the various kinds of embroidery, hemstitching, drawn work, etc. Instructor Hubbard.

e. **Household Economics**; required of first year students in the Domestic Arts Course; elective to others; two hours a week during first two-thirds of the year. A course treating the most scientific and economic methods of home making, arrangement, furnishings, and decoration of the rooms, so as to make them attractive without costly furnishings. Instructor Hubbard.

f. **Laundry Work**; required of first year students in the Domestic Arts Course; two hours a week the last third of the year. A series of lectures on the best methods of washing and ironing linens, muslin, silks, woolen materials, colored prints, and the laundering of shirts, collars, and cuffs, the removal of stains. The materials used in the laundry—water, soaps, starches, and blueings—will be scientifically considered. The course of lectures will be folowed by practical work in the laundry. Instructor Hubbard.

g. **Cooking I**; required of second year students in the Domestic Arts Course; five hours a week throughout the year. Foods will be studied as to their sources, composition, processes of manufacture, adulteration, nutritive value, and digestibility. The best methods of cooking and serving each of the staple food substances will be treated in the class and demonstrated by each student in the kitchen. Instructor Homer and Assistant Nibley.

h. **Fruit Work**; required of third year students in the Domestic Arts Course; four hours a week first third of year. A study of the canning and the bottling of fruits; making of all kinds of preserves, jams, jellies, marmalades; ketchups, pickles, spiced fruits, sauces, and meat relishes. The lectures will treat of the chemistry of fruits, their acids and sugars; causes of fruit fermentation; and the value of fruits as a food. Instructor Homer.

i. **Cooking II**; required of third year students in the Domestic Arts Course; three hours a week second third of the year. This course includes practical work in plain and fancy cooking; in making the different kinds of breads; also a study of the best methods of cooking and serving meats, vegetables, and desserts. A three course lunch is served during winter months, when members of the class take turns in acting as hostess and waiting upon the table. Instructor Homer.

j. **Invalid Cooking**; required of third year students in the Domestic Arts Course; four hours a week throughout the year. This course treats of the best foods to be given in different diseases, with practice in the preparation and serving of foods. Instructor Homer.

k. **Art of Nursing**; required of fourth year students in the Domestic Arts Course; four hours a week during the first term. A lecture course treating some of the fundamental principles involved in nursing the sick. In addition to the lectures, a course of supplementary reading will be outlined, each student being required to report in writing a summary of the books read. Instructor Homer.

l, **Chemistry of Foods**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. In this course foods are studied and their composition determined experimentally. The common foods are separated into their constituents and the effects of different methods of cooking are noted. Tests, both chemical and microscopical, are made for adulterations. The changes in food during the process of cooking are noted and the losses and gains determined. Instructor Homer.

m. **Hygiene and Sanitation**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. This course treats of the sanitary conditions of the home and surroundings; evil effects of damp and unclean cellars, and defective drains; heating, lighting, and ventilation. Instruction will be given, which is especially important to young women, on the care of personal health. Instructor Homer.

n. **The Science of Nutrition**; required of fourth year students in the Domestic Arts Course; four hours a week during the second term. A careful consideration of the different foods with reference to their chemical composition, nutritive value, digestibility, and the amount and kinds required by persons in different occupations and climates. Books on the subject by the best authors will be read as supplementary work. Instructor Homer.

AGRICULTURAL SCIENCE.

The courses outlined below aim to meet the growing demand for instruction in subjects that have in view the preparation of young people for industrial pursuits at the same time that they are receiving the usual intellectual development of the high school and the college. The work will be thorough, and equal to similar courses in the various institutions of the West. The proprietors of the Logan Nurseries have kindly placed at the disposal of the College their extensive greenhouses, orchards and propagating grounds for practice in horticulture and floriculture. The excellent farms and breeds of cattle, horses, sheep, swine, owned by citizens in and near Logan furnish opportunity for practical study. The instruction being given by persons who have had considerable experience on the farm, is of such a character that it can be put into practice.

a. **Agriculture**; required of students in the Industrial, and elective in the Normal Course; four hours a week throughout the year. Instruction in this course includes a general view of soils and their preparation for crops; irrigation; drainage; the use and care of farm implements and machinery. Farm crops are considered with special reference to their economic agricultural value. and best methods of management; farm accounts; business customs; and plans for farm buildings. The aim of the course is to fit young men for more successful farming, and to correlate the usual college and high school subjects with practical affairs in such a way that the education received will be of the greatest use in life. President Linford.

b. **Animal Industry**; required of male students in the Industrial, and elective in the Normal Course; five hours a week during the first term. This course gives instruction in the breeding, care and management of horses, dairy and beet cattle, poultry, sheep, and swine; the improvement of native cattle and the formation of new breeds, dairying and the care of milk; methods of creaming and churning. Principles of stock-breeding, stock-raising and stock judging are considered. President Linford.

c. **Horticulture**; required of male students in the Industrial, and elective in the Normal Course; five hours a week during the second term. A study of the structure, habits, and growth of plants; their modification by climate, soil, and other relations; the development of cultivated plants; propagation of plants by seeds, cuttings, grafting, and budding; gardening and trucking; orchards and small fruits; planting, pruning, spraying, marketing; floriculture, and ornamental gardening.

d. **Plant Parasites**; required of male students in the third year of the Industrial Course; elective to others; three hours a week during the first term. A study of those fungi that are the enemies of our economic plants. Methods are given for the diagnosis of the principal plant diseases with a view to pointing out the way of destroying the parasites that cause them.

e. **Practical Entomology**; required of male students in the third year of the Industrial Course, elective to others; three hours a week during the second term. A study of the anatomy and development of insects; those forms injurious to vegetation, especially farm, orchard, and garden pests receive special attention. Enough of the principles of classification is given to enable the student to identify the most common species. Special methods for the extermination of the most common pests are considered.

f. **Soils and Fertilizers**; required of male students in the fourth year of the Industrial Course. Soil is first studied with respect to its origin and formation; then its chemical and physical properties are investigated to determine its productiveness. Methods of improving the physical and chemical conditions are given. Assistant Professor Ridges.

g. **Agricultural Physics**; required of male students in the third year of the Industrial Course; three hours a week during the second term. The designing and construction of farm buildings and implements; ventilation, and the regulation of temperature in farm buildings; care of machinery, its construction and use; the building of fences and the construction of roads. Instructor Merrill.

MECHANIC ARTS.*

INSTRUCTOR MERRILL.

a. **Carpentry I**; required of students in the Mechanic Arts and Industrial courses, elective to others; four hours a week throughout the year. Instruction is given in measuring, marking, sawing, planing, splicing, joint-making, mortising, dovetailing, and elementary woodturning. Enough practical problems are assigned to illustrate the principles taught. Each student is required to make a wash-stand as a part of the final examination. Laboratory fee, $1.75 a term.

b. **Carpentry II**; required of students in the second year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. A course in cabinet-making and wood-turning. During the first term wood-turning will receive special attention, practice being given in the making of table legs, balusters, veranda posts, newels, etc. Laboratory fee, $2.00 a term.

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*Articles made by the students in any of the courses of this department become the property of the College.

c. **Carpentry III**; required of students in the third year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. This is essentially a course in advanced cabinet-making. Those who wish. however, to specialize in pattern-making, or in house-building, will be allowed to work in these departments. Laboratory fee, $2.00 a term.

d. **Carpentry IV**; required of students in the fourth year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. During this year the students are allowed to work along the special lines of carpentry for which they are best adapted. Special instruction is given in wood-carving and advanced cabinet-making. Laboratory fee, $2.00 a term.

ART.*

INSTRUCTOR WRIGHT.

The educational value of art as an aid in acquiring accurate observation, in training the judgment, as well as in developing an appreciation of the beautiful and artistic, is generally recognized. In connection with other branches of education, it gives expression to thought where ordinary language would fail; particularly is this the case in the study of natural history.

Perspective, designing, decorating, illustration, and composition are taught in their proper order in the courses outlined.

a. **Free Hand Drawing**; required of all first year students in the Normal and Domestic courses; two hours a week throughout the year. This course consists of pencil and charcoal drawings from plaster casts, the human figure, still-life and out-of-door subjects. Composition and decoration receive attention, as does also clay-modeling from plaster casts and other objects, together with such work in color as is needed in the treatment of decoration and representation. Some of the simpler problems of perspective are introduced as needed.

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*On account of the absence of Instructor Wright, who is studying in Paris, none of the courses of this department will be given during the year 1903-1904.

b. **Drawing**; open to any one. Drawing from plaster casts, still-life, and landscapes, with charcoal, pencil, crayon, or black water-color.

c. **Modeling**; open to any one. Modeling from still-life, plaster casts, and life, with clay.

d. **Painting**; open to any one. Painting from still-life landscape, and the human head with oil or water colors.

MUSIC.

INSTRUCTOR ROBINSON.
INSTRUCTOR HARRIS.
INSTRUCTOR OLIVER.
ASSISTANT SMITH.

The work in Music is arranged to meet the growing demand for musical culture, both vocal and instrumental. The work is systematic and aims to develop in the student a love of music in its fullest sense. At frequent intervals the whole school is led in singing hymns, college and class songs. By this and other appropriate means all students are encouraged to give some thought to musical culture, as it is so necessary among the Latter-day Saints.

a. **Vocal Music I**; two hours a week throughout the year. In this course a thorough drill is given in sight-reading, the training of the ear, rhythm, time names, notation, key, relation of keys, modulation, part singing, and elementary voice culture. Instruction is given in the theory of teaching vocal music, thus making the course of special value to Normal students. Instructor Robinson.

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*On account of the absence of Instructor Wright, who is studying in Paris, none of the courses of this department will be given during the year 1903-1904.

b. **Vocal Music II**; two hours a week throughout the year. This course is outlined for Missionary students; and it aims to give a good idea of time, rhythm, tune, tone production, part singing. Special attention is given to hymn, chorus, and quartet work. Instructor Robinson.

c. **Choir**; at least two practices a week, the work counting one hour towards graduation. The choir is organized to furnish music for devotional exercises and College entertainments. Thorough and efficient training is given on hymns, choruses, anthems, etc., preparing students for valuable service in their home choirs and musical circles.

In addition to the usual choir work an oratorio, operetta, or light opera may be studied and presented.

d. **Voice Culture and Singing**; This course gives thorough instruction in the art of singing, including voice placing, breathing, tone production, phrasing, etc., according to the old Italian school.

e. **Violin I**; first year. Violin school by David; Studies by Schradieck and Kreutzer; easy solo pieces. Instructor Harris and Assistant Smith.

f. **Violin II**; second year. David's school, studies by Fiorilli; pieces of like grade; ensemble playing. Instructor Harris.

g. **Violin III**; third year. Studies by David and Rhode; easy concertos by Rhode, Kreutzer, and others; ensemble playing. Instructor Harris.

h. **Violin IV**; fourth year. Studies by David, concertos by Bruch, Mendelssohn, Sophr. Wieniawski; ensemble playing. Instructor Harris.

i. **Piano I**; first year. Rhythm; key board; scales; intervals; easy pieces. Instructor Oliver.

j. **Piano II**; second year. Technique; easy studies and pieces by Gurlitt, Clementi, Bertini, and others. Instructor Oliver.

k. **Brass Band**; two practices a week, the work counting one hour towards graduation. The band is organized to furnish music for the various school entertainments, contests, games, etc. Such instruction is given as will fit young men for more efficient work in home bands at the same time assisting in a general musical education.

Students owning instruments should bring them when entering the College. Instructor Robinson.

l. **Orchestra**; two practices a week, the work counting one hour towards graduation. The orchestra is organized to furnish music for college entertainments and matinees, from which a sufficient amount is obtained to assist the student very materially in paying his school expenses. From among the applicants for a place those best prepared will be selected. Instructor Robinson.

PHYSICAL EDUCATION.

INSTRUCTOR PERRY.
INSTRUCTOR KEMP.

The work in the department of physical education is given with a view of properly caring for the physical and hygienic interests of the students, along with their spiritual, moral, and intellectual training. In the new gymnasium ample facilities are afforded for thorough and efficient work.

All preparatory, and first year students in the high school courses are encouraged to devote at least two hours a week to regular work in physical culture. In addition to this, two courses are offered as optional to students beyond the first year.

Various athletic teams are organized under the supervision of the Director of the Gymnasium, and every encouragement is given to students who desire to do profitable and systematic work on the field.

Field athletics are controlled by an advisory board, consisting of the Faculty Committee on Athletics and Amusements, and one representative of the alumni, elected annually by the Alumni Association. This board advises the students in all of their sports and has charge of indoor and outdoor meets, and of intercollegiate and other contests.

FOR WOMEN.

a. **Physical Culture I;** elective in the Preparatory Course and in the first year of high school courses; twice a week from October to May. The work consists of tactics, gymnastic exercises, based on both the Swedish and German systems, and drill with light and heavy apparatus. Instructor Perry.

b. **Physical Culture II**; open to those who have completed course a, or an equivalent; two hours a week from October to May. This work consists mainly of exercises with heavy apparatus; fancy steps, marches, etc. Instructor Perry.

FOR MEN.

c. **Physical Culture III**; elective in the Preparatory Course and in the first year of high school courses; two hours a week gymnasium practice from November to April. This course consists of vigorous, systematic work with light and heavy apparatus in connection with games suitable for winter months. Instructor Kemp.

d. **Physical Culture IV**; open to those who have completed course c; two hours a week from November to April. This is an advanced course in light and heavy gymnastics. Special attention is given to measurements by the Sargent system. Instructor Kemp.

MISSIONARY COURSE.

a. **Church History;** five hours a week during the first term. In this course a rapid survey is taken of the apostasy from the early Christian Church, its causes and extent, the religion of the Middle Ages, the reformers and their work, the ushering in of this dispensation, the coming forth of the Book of Mormon, the persecutions of the Latter-day Saints and their exodus to the Rocky Mountains. Assistant Professor Jensen.

b. **Modern Revelation and the Book of Mormon**. five hours a week during the second term. A study of the principal revelations given in this dispensation in the order of reception; and also a brief account of the Book of Mormon history and teachings. Assistant Professor Jensen.

c. **Principles of the Gospel;** five hours a week throughout the year. A course in the Principles of the Gospel, using *The Compendium* as a guide. Considerable practice in public speaking is required in this course. Special attention is given to gospel ordinances. Professor J. F. Miller.

d. **Scripture Reading**; three hours a week throughout the year. During the first term passages for reading and study are selected from the *Old Testament*. During the second term passages from the *New Testament* are treated in a similar way. The aim of this course will be to familiarize the student with the Bible, to train him to read and explain in an intelligent manner the passages used by him in his missionary experience. Instructor Henderson.

e. **English**; five hours a week throughout the year. In English the student is taught the elements of English Grammar, spelling, letter-writing, punctuation, and other related subjects.

PREPARATORY COURSE.*

a. **Bible Readings**; three hours a week throughout the year. In this course, the teacher selects choice passages from the Bible, and the students, after studying these, read and discuss them in the class. The aim is to cultivate in students an appreciative reading of Biblical literature. Instructor Homer.

b. **English**; five hours a week throughout the year. This course comprises a study of English Grammar and Composition, together with such related subjects as orthography and punctuation. One written exercise is required each week. Instructor Hubbard.

c. **Arithmetic**; five hours a week throughout the year. This course consists of a study of the fundamental principles of Arithmetic; decimal and common fractions; denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight. United States money; measurements; and the simpler cases of percentage. Instructor Perry.

d. **Geography**; three hours a week throughout the year. The subject is treated by the topical method, lectures and text-book lessons. Numerous works of reference are placed in the library to assist the students in the preparation of their work. Instructor Perry.

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*Students who complete this course will be admitted to any of the High School courses.

e. **United States History;** two hours a week throughout the year. The regular subjects of United States History, such as the periods of discovery and colonization, together with the political and industrial development of the country, are treated in such a way as to prepare students for the more advanced work in American History. Instructor Kemp.

LIBRARY AND MUSEUM ACCESSIONS.

LIBRARY ADDITIONS.

Among those to whom the Library is indebted for books and other favors received during the year 1902-03 are Hon. J. L. Rawlins, Hon. Thomas Kearns, Hon. George Sutherland, Charles F. Scott, Chase & Sanborne, John Bench, Geo. H. Ellis & Co., Pres. Jas. B. Angell, the several National Departments and Bureaus at Washington, state superintendents of public instruction, various normal schools, colleges, and universities of the United States.

The library is especially indebted to the members of the Classes of 1902 and 1903 who made extensive donations along the lines of Theology and Biography.

PERIODICALS CONTRIBUTED.

TITLE.	WHERE PUBLISHED.	DONORS.
Box Elder News	Brigham City.	Publishers
Deseret Evening News, daily	Salt Lake City.	"
Fremont Journal	Rexburg, Idaho.	"
Improvement Era, monthly	Salt Lake City.	"
Juvenile Instructor	Salt Lake City.	"
Journal, tri-weekly	Logan.	"
Korrespondenten	Salt Lake City.	"
Nation; semi-weekly	Logan.	"
Paris Post, weekly	Paris, Idaho.	"
Republic, weekly	Nephi.	"
Rich County News	Randolph.	"

Salt Lake Herald, daily	Salt Lake City.	Publishers
Standard, daily	Ogden.	"
Young Woman's Journal	Salt Lake City.	"
Enquirer, daily	Provo.	"
Idaho Enterprise	Malad.	"
The Republican	Montpelier	"
The Gold and Blue	Salt Lake City.	"
Cache Valley News	Preston, Idaho.	"
Intermountain Farmer	Salt Lake City.	"
The Utah Posten	Salt Lake City.	"
The White and Blue	Provo.	"
The Phonographic Magazine,	Cincinnati, Ohio.	"
The Free Lance	Marysvale	"
The Snake River Current	Rexburg.	"
Republican	Logan.	"
Beobachter	Salt Lake City.	"
The Vernal Express	Vernal.	"
Der Stern	Berlin, Germany.	"
The National Homemaker	Washington, D. C.	"
Louisiana Exposition Bulletin	St. Louis, Mo.	"
Our Dumb Animals	Boston, Mass.	"
Land of Sunshine	Los Angeles, Cal.	"
Advocate of Peace	Boston, Mass.	"
The Wasatch Wave	Heber City.	"
The General News	Malad, Idaho.	"
The Richfield Reaper	Richfield.	"
Tooele Transcript	Tooele.	"
University Chronicle	Salt Lake City.	"
Utonian, weekly	Beaver.	"
Weber County Times	Ogden.	"
Sunset	San Francisco.	"

PERIODICALS FURNISHED.

TITLE.	WHERE PUBLISHED.
Atlantic Monthly	Boston.
Century Magazine, monthly	New York.
Education, monthly	Boston.

Forum, monthly	New York.
Harper's Monthly	"
Literary Digest, weekly	"
North Amcrican Review, monthly	"
Popular Science Monthly	"
School Journal, weekly	"
School Review, monthly	Chicago.
Scribner's Magazine, monthly	New York.
Tribune, weekly	"
World, thrice-a-week	"
Youth's Companion, weekly	Boston.
Review of Reviews, monthly	New York.
Success, monthly	"
The Critic	"
Good Housekeeping	Springfield.
Home Science Magazine	Boston
Carpentry and Building	New York.
Woman's Home Companion, monthly	"
Ladies' Home Journal, monthly	Philadelphia
Our Dumb Animals	Boston.
Records of the Past	Washington.
John Hopkins University Studies	Baltimore.

DONATIONS TO THE MUSEUM.

During the year 1902-03, the College Museum received the following contributions:

Tooth of Mastodon	C. C. Shaw, Hyrum, Utah.
Fragments of skeletons of idols and of pottery from mounds in Montezuma County, Colo. Pottery and sandstone from cliffs in Mancos Canyon, New Mexico	W. O. Robinson, Logan.
Large quartz crystal	Rufus Lamb, Plymouth.
Fossil Fish	H. A. Nelson, Kemmerer, Wyoming.
A set of four carving tools, two having handles of wood from a French walnut tree grown in	

Windsor Castle Garden, felled in 1816. One wood from an English Beech from Hyde Park Forest felled 1825. One piece of the piles of the old London Bridge, English Oak, driven in the river 1176, taken out 1832.

C. Traveler, Richmond.

ALUMNI ASSOCIATION.

The Alumni Association was organized in May, 1893. All those who hold diplomas or certificates of graduation from any of the courses of the College, and those holding special certificates for work completed in the College prior to 1890, are eligible to membership.

The object of the association is to promote in every proper way the interests of the College and to perpetuate among the graduates a feeling of regard for one another and of attachment to their Alma Mater. The association meets annually on the day of Commencement.

OFFICERS FOR 1902-1903.

President	John A. Widtsoe, '91.
Vice-President	Roy Bullen, '01.
Secretary	Maggie Jones, '02.
Treasurer	Lydia Baker, '00.
Member of Athletic Board	E. G. Gowans, '96.

TWENTY-FOURTH ANNUAL COMMENCEMENT.

LIST OF GRADUATES, 1902.

ARTS COURSE.

(DEGREE OF BACHELOR OF ARTS.)

Daniel C. Jensen	Logan
Albert Ernest Bowen	Logan

NORMAL COURSE.

John M. Bernhisel, Jr	Lewiston
Annie Cook	Garden City
Lulu Curtis	Logan
Elizabeth Margaret Jones	Logan
Isabel Roundy	Benson
John Forest Olsen	Hooper

ACADEMIC COURSE.

Arthur Bergeson	Lewiston
Ernest William Pehrson	Logan
Joseph Leroy Pond	Lewiston

BUSINESS COURSE.

Edwin Ephraim Stocks	Fish Haven, Idaho
Hyrum Job Norris	Randolph
Joseph Samuel Larsen	Paradise

SHORT BUSINESS COURSE.

WITH SPECIAL CERTIFICATE.

Anna Jenkins	Samaria, Idaho

LIST OF STUDENTS.

In the following list an abbreviation is used with the name of each student to indicate the course in which he is doing work. The accompanying figure indicates the particular year for which he is registered. These abbreviations, with their meanings, are as follows: sr, Senior; jr, Junior; so, Sophomore; fr, Freshman; c, Classical; sc, Science; n, Normal; b, Business; i, Industrial; m a, Mechanic Arts; d, Domestic; s b, Short Business; s d, Short Domestic; sp, Special; o, Optional; m, Missionary; p, Preparatory; a, Academic.

NAME.	RESIDENCE.
Abbott, Jacob Davis, b 1	Paradise
Allen, Alger Franklin, m	Paradise
Allen, Ernest M, n 2	Wellsville
Allen, James Carson, b 2	Cove
Allen, David, fr	Cove
Allen, Mary Jenkins, n 1	Wellsville
Allen, Albert Ethan, n 1	Huntsville
Allred, William Edsil, m	Lewston
Allred, William Lyle, n 1	Fairview, Wyoming
Amussen, Joseph S., b 1	Logan
Amussen, Julia Frederickson, b 2	Logan
Anderson, Hilda Augusta, s d 1	Logan
Anderson, Emily, n 2	Logan
Arbon, Mary Anetta, s d 1	Snowville
Arbon, Charles, p	Snowville

Archibald, Joseph Halladay, b 3	Clarkston
Archibald, Charlotte T., n 1	Plymouth
Ballard, Mary Myrtle, s d 1	Logan
Barrett, Charles Elmer, a 2	Logan
Barras, E. Milton, p	Fairview, Wyoming
Baxter, Archie, p	Wellsville
Baker, Hyrum L., p	Mendon
Baer, Maggie May, n 2	Providence
Baker, Olive, n 2	Mendon
Bernhisel, Sadie, o	Lewiston
Benson, Ezra T., c 2	Trenton
Benson, Eugenia, p	Logan
Behling, Franz, s b 1	Rockland, Idaho
Beach, Mary Diana, b 1	Richmond
Bitter, Charles, so	Logan
Bird, Ruth Alice, p	Pocatello, Idaho
Blood, Wilkie H., sc 1	Kaysville
Blair, Samuel, s b 1	Lewiston
Booth, Clarence Eugene, m	St. Charles, Idaho
Boman, William Ariah, b 2	Lewiston
Bowen, Edith Vilate, n 2	Logan
Bramwell, Franklin Chas., o	LaGrande, Oregon
Brown, James Frederick, m	Fairview, Wyoming
Bradshaw, Robert James, m	Stone, Idaho
Brower, Joseph Lafayette, m	Lewiston
Burnham, Nora Tamson, o	Salt Lake City
Bullen, Asa, sc 1	Richmond
Burnham, Luther Charles, sc 1	Richmond
Burnham, Lelia, d 1	Richmond
Buttars, David W., p	Clarkston
Burnham, Mary Louise, s b 1	Richmond
Butler, Marvin Adelbert, m	Trenton
Burns, John Leonard, m	Fielding
Bullen, Newell, Jr., b 1	Richmond
Burnett, Alexander, Jr., b 1	Mackay, Idaho
Bush, Lea Vyvyan, n 2	Lehi
Busch, Olga, n 2	Logan
Buttars, Daniel David, n 1	Clarkston

Campbell, Julia Lucinda, fr	Rosette
Cardon, Ernest William, p	Benson
Card, Joseph Young. s b 1	Cardston, Canada
Card, Abigail Jane, s b 1	Logan
Campbell, James, s b 1	Rosette
Cash, Lillian, s b 1	Riverside
Call, Oel Facer, n 1	Rigby, Idaho
Catmull, Mary Ann, n 1	King
Chadwick, Charles Frederick, sc 1	Dayton, Idaho
Christensen, Eugene, p	Newton
Christensen, Orson Anthon, s b 1	Bear River City
Christiansen, David, s b 1	Hyrum
Chadwick, John Garner, m	Park Valley
Chandler, Percy, b 1	Millville
Clark, Avery Eliza, o	Afton, Wyoming
Clark, Mary M., o	Auburn, Wyoming
Clark, Hyrum Taylor, n 1	Auburn, Wyoming
Clark, Rossy Maretta, b 1	Afton, Wyoming
Cook, Lydia Luetta, o	Garden City
Cook, Alonzo, Jr., fr	Logan
Cole, Cora May, sp	Logan
Cole, Jennie Maud, s d 2	Logan
Cook, Edith Sarah, d 2	Logan
Coffin, Jefferson Charles, s b 1	Downey, Idaho
Corbridge, Carrie Edith, s b 1	Layton
Cook, Lewis, s b 2	Logan
Cottam, James William, m	Snowville
Cook, David Savage, b 1	Garden City
Cook, Joseph Nelson, b 1	Garden City
Cole, Bessie, b 1	Logan
Cole, Edna, n 3	Logan
Cook, Alvin Laker, n 1	Logan
Cole, Lettie, n 1	Logan
Cook, Junius Melvin, n 1	Blaine
Crookston, Annie, d 1	Logan
Cranney, Duane, m	Logan
Cranney, Kate Viva, n	Logan
Curtis, George N., fr	Logan

Curtis, Zeeta, n 3	Logan
Dalrymple, Lenora o	Montpelier, Idaho
Dahle, Ernest Edwin, b 1	Logan
Davenport, Franklin R., b 1	Hood River, Oregon
Davenport; Earl R., b 1	Hood River, Oregon
Davenport, Ona Remington, b 1	Hood River.Oregon
Daines, Franklin D., fr	Hyde Park
Daines, Lyman Luther, n 2	Hyde Park
Darley, Sarah Thurkell, n 3	Wellsville
Davis, Woodwell Williams, n 1	Samaria
Dean, Julia, o	Woodruff
Dean, Lucy, o	Woodruff
Dewey, John Cyrus, Jr., m	Fairview, Wyoming
Dixon, Ernest Edmond, m	Clifton, Idaho
Dopp, Hyrum, b 2	Lewiston
Durfee, Olive, sp	Logan
Dunn, Oscar Smith, c 1	College
Dudley, Charles Heber, m	Magrath, Canada
Dunn, Charles Welch, b 2	College
Durfey, Sarahan, n 1	Beaver
Dudley, Florence Irene, n 1	Clifton, Idaho
Eckersley, John Alfonzo, m	Park Valley
Ecklund, Fritz Erick, m	Newton
Edwards, William Lewis, m a 1	Logan
Eggerts, Lorenzo, m	Logan
Egbert, Ann Rebecca, n 1	Lewiston
Elwell, Rachel, o	Logan
Eliason, Frederick Leon, b 1	Millville
Ellingford, Daniel Charles, b 2	Morgan
England, Ada Eliza, n 2	Logan
Erickson, Carrie, d 1	Salt Lake City
Erickson, Josie, p	Pocatello
Erdmann, Harvey Lester, b 1	Brigham City
Evans, Sarah Ann, o	Samaria, Idaho
Evans, David Samuel, m	Riverdale, Idaho
Evans, John R., m	Brigham City
Evans, David Henry, b 1	Oneida, Idaho
Farr, Persis, o	Logan

Farrell. Lewis, m	Smithfield
Fenn, Jay, b 1	Logan
Fisher, Lorena Josie, s b 1	Richmond
Fife, Lewis, m	Providence
Fife, Luther L., b 1	Providence
Fonnesbeck, Amy Matilda, n 3	Logan
Fuhriman, Arnold Jacob, b 1	Providence
Gabrielsen, Alvin, p	Logan
Gessel, Gottlieb, p	Providence
George, John William, p	College
Gessel, Clara Eliza, s b 1	Providence
Geddes, Joseph A., b 3	Preston, Idaho
Gibby, William R., o	Morgan
Gibby, Alma, b 1	Morgan
Gibbons, Frederick, p	LaGrande, Oregon
Gibbons, Edward James, n 3	LaGrande, Oregon
Glardon, Evangeline, o	Logan
Gnehm, Alfred Emil, m	Logan
Godfrey, Joseph A., n 2	Clarkston
Grover, George F., o	Garland
Gregory, Thomas Joseph, m a 1	Cove
Griffiths, William Heggie, sc 1	Clarkston
Gregory, Amy Lea, d 1	Cove
Grout, J. W., m	Oxford, Idaho
Grunder, Fred, m	Logan
Green, Joseph W., m	Wellsville
Gray, Clark, m	Perry, Idaho
Graham, Lila, n 2	Millville
Grow, Isaac, n 2	Huntsville
Griffiths, Lavon, n 1	Clarkston
Halling, Elvina Caroline, n 1	Geneva
Hall, Rosabel, n 3	Logan
Halling; John P., b 1	Bear River City
Hall, Hyrum, s b 1	Garland
Hall, Ernest Mosiah, fr	Logan
Hammer, Ruthven Josiah, n 1	Smithfield
Hammond, Ivy Gertrude, n 2	Millville
Hammond, Lehi Nephi. p	Providence

Hansen, Nels Severin, fr	Weston, Idaho
Hanson, Niels Joseph, b 1	Logan
Hansen, Hyrum Orson, m	Weston
Hansen, Joseph H., m	Brigham City
Hanson, Junius Joseph, p	Newton
Hansen, Nephi, p	Hyrum
Hansen, Orson Wilford, sc 1	Logan
Hanson, Edward B., o	Logan
Hanson, Agnes Elnora, fr	Logan
Harding, Alice Charlotte, n 1	Willard
Harris, Ethel, n 1	Cove, Idaho
Hart, Erma Birdno, b 1	Paris, Idaho
Hart, Elmira Emily, b 1	Paris, Idaho
Harrison, Herbert Henry, b 1	Richmond
Harrison, Peter William, m	Osmond, Wyoming
Harned, Jessie, s b 1	Logan
Harrison, Ida, d 2	Richmond
Harding, Daniel, o	Morgan
Haslam, Eva Mitten, n 1	Wellsville
Haslam, George Jones, m	Wellsville
Haws, Mary Olive, n 1	Elwood
Haws, Athalia, b 1	Logan
Heiner, Charles, a 3	Morgan
Hendricks, Nellie Ulene, n. 2	Richmond
Hendricks, Edith Maud, n 2	Richmond
Hendricks, Mary Lalene, n 2	Lewiston
Hendricks. George B., sr	Lewiston
Hendricks, Marian, fr	Richmond
Hendricks, Hattie May, b 2	Richmond
Henderson, Robert J., n 3	Oneida, Idaho
Henderson, David Williams, a 3	Oneida, Idaho
Henderson, Louis Edgar Williams,p	Oneida, Idaho
Henderson, William Williams, sr	Logan
Hess, Chancy, m	Fielding
Hess, Jedediah Morgan, Jr., m	Fielding
Hind, Joseph, b 1	Smithfield
Hill, Joseph John, Jr., b 3	Franklin, Idaho
Hill, Cynthia E., fr	Franklin, Idaho

Hill, Ethel, n 1	Franklin, Idaho
Hogan, Harriet Lovina, n 1	Smithfield
Holt, Moses John, m	Logan
Homer, Raymond, b 2	Poplar, Idaho
Hoopes, George Albert, s b 2	Weston, Idaho
Houtz, Leslie, b 1	Rockland, Idaho
Houtz, Ida, b 1	Rockland, Idaho
Hillyard, Inez Thersa, n 1	Smithfield
Hovey, Merlin Ross, b 1	Millville
Hovey, Angus Ray, b 1	Millville
Howard, Edward Lorenzo, m	Rockland, Idaho
Hughes, Lewis, Jr., m	Samaria
Hulse, George William, m	Millville
Humphreys. Charles Elmer, m	Millville
Hull, Alvin, b 3	Whitney, Idaho
Hubbard, Chloe, n 1	Bench, Idaho
Hyer, Andrew William, b 1	Lewiston
Ipsen, Leonard, b 1	Bear River City
Izatt, Charles, m	Greenville
Jarvis, Albert Edwin, p	Bloomington, Idaho
Jacobsen, William, m	Lewiston
Jackson, William Henry, b 2	Lewiston
Jarvis, Thomas William, n 1	Bloomington, Idaho
Jensen, Maud Crista, n 2	Geneva
Jenson, Joseph, n 2	Millville
Jensen, Ralph Ernest, n 2	Brigham
Jensen, Cleofa, b 1	Bear River City
Jensen, Claud, b 1	Brigham
Jensen, William, m	Geneva
Jenkins, William Clayton, b 2	Logan
Jenkins, John Franklin, m	Freedom, Wyoming
Jenkins, Ida Charlotte, p	Newton
Jensen, Charles Christian, p	Hyrum
Jensen, Myrtle Anne, p	Geneva
Jensen, Frank LeRoy, c 1	Logan
Jensen, George Christian. sr	Logan
Jensen, Ella Louise, s d 1	Logan
Jensen, Daniel C., sp	Logan

Jeppeson, Lillian, n 1	Millville
Jeppeson, Royal Moroni, n 1	Millville
Jeppeson, Agnes Millicent, n 1	Geneva
Johnson, George S., n 2	Brigham
Johnson, Alla, b 1	Rockland, Idaho
Johnson, Wilford Oliver, b 1	Logan
Johnson, Harman, p	Brigham
Johnson, Elizabeth, p	Garden
Johnson, Amanda, d 1	Bear River City
Johnson, Ada Esaphia, o	Brigham
Jonsson, Carl W., a 2	Logan
Jones, Eva, sp	Logan
Jorgenson, Lola Everett, b 1	Hyde Park
Jorgensen, Wilford, s b 1	Logan
Jorgensen, Parrie, s d 1	Logan
Kearl, Maud Olive, o	Lake Town
Kelsey, Florence, n 2	Price
Keller, Jesse, b 1	Geneva
Kelley, Lizzie Mary, o	Brigham
Kennington, George S., s b 1	Afton. Wyoming
Kemp, John H., jr	Logan
Kennedy, Andrew Benjamin, b s	Morgan
Kennard, James R., m	Riverside
Kewley, Ray Mabel, n 2	Logan
Kimball, LeRoy Winder, sp	Logan
King, James L., p	Lost River, Idaho
Kloepfer, Mary Louise, s d 1	Providence
Knox, John Gatlin, s b 2	Logan
Knudson, Peter William, m	Brigham
Korth, Gustav, m	Willard
Larson, William Harmon, i 2	Logan
Laurenson, Lilly, p	Downey, Idaho
Larsen, David, s b 2	Cove
Larsen, William Henry, s b 2	Logan
Larson, Orson W., m	Millville
Larsen, Alfred, m	Hyrum
Larsen, James Alma, b 1	Preston, Idaho
Larsen, Louis William, n 2	Cove

Larkins, Cora, b 1	Cove
Lamb, Don Rufus, m	Plymouth
Leishman, Janey A., d 1	Wellsville
Leatham, Mary, s b 1	Lima, Montana
Leshman, John Allen, m	Wellsville
Leatham, Martha Maud, n 1	Wellsville
Liljenquist, George, s b 1	Hyrum
Linford, Joseph Ernest, m	Garden City
Linford, James Frank, b 1	Garden City
Lindsay, Edgar Charles, n 3	Nounan, Idaho
Lillywhite, William M., n 2	Brigham
Lloyd, Norman, b 1	Wellsville
Lowe, Mathias Wilson, m	Franklin, Idaho
Loveland, David Chancy, n 2	Logan
Lowe, Sylvester Charles, n 1	Smithfield
Lowe, Kate Millicent, n 1	Providence
Loveland, Maud, n 1	Deweyville
Marler, Ezra Lewis, sp	Logan
Martineau, Harriet, c 1	Logan
Maughan, Julia Anette, fr	Logan
Mathews, Lyton Y., p	Providence
Mathias, Laura, d 1	Brigham
Martineau. Aurelia, d 1	King
Mauritson, Ernest Hugh, p	Logan
McMaster, John, p	Brigham
Martin, Joseph Moroni, m	Spring Valley
Mathias, John, b 1	Brigham
May, George, b 1	Honeyville
Marble, Edwin Horace, n 2	Brigham
May, Joseph E., n 2	Brigham
Mathias, Ada, n 1	Brigham
Maughan, Eva, n 1	Wellsville
Maughan, Millie, n 1	Wellsville
McCarrey, May, fr	Richmond
McKenzie, Rose Annie, s b 1	Paradise
McKay, Heber Jethro, s b 2	Huntsville
Mc Cullock, William, m	Logan
McKenzie Mary Jane, fr	Logan

McCann, Albert, n 1 .... Smithfield
Meyer, Anna Emma, sc 1 .... Logan
Merkley, Nathaniel, s b 1 .... St. Charles, Idaho
Mecham, Joseph Arthur, m .... Smoot, Wyoming
Merrill, Jeddie, b 2 .... Bennington, Idaho
Mitchell, Edgar Bentley, m a 1 .... Logan
Miller, David E. Jr., p .... Providence
Miles, George E., s b 2 .... Smithfield
Miles, Edwin, s b 2 .... Smithfield
Mickelson, Nellie b 1 .... Logan
Miles, Ellen, b 2 .... Paradise
Mitchell, Milton R., b 3 .... Logan
Miles, John Spencer, n 2 .... Sharon, Idaho
Morrell, Margaret, d 1 .... Logan
Morrell Job William, fr .... Logan
Morris, Jennie, p .... Rockland, Idaho
Mouritzson, Alma, s b 1 .... Logan
Morrell, Joseph, s b 2 .... Logan
Morrison, Alma, m .... Franklin
Morgan, John Samuel, b 1 .... Liberty
Mercer, Jared Alma, m .... Magrath, Canada
Nebeker, George, m .... Sigard
Nebeker, Eva, sc 1 .... Logan
Neddo, Hannah Pearl, n 2 .... Providence
Neddo, Isaac James, b 2 .... Providence
Nelson, George Hyrum, n 1 .... Leorin, Idaho
Nelson, Robert Peter, n 2 .... Leorin, Idaho
Nelson, L. P., fr .... Geneva
Nelson, Jesse Hans, b 1 .... Geneva
Nelson, Leonidus Joseph, o .... Geneva
Nelson, James Peter, m .... Sublett, Idaho
Nelsen, Nels K., m .... Rockland
Nelson, Joseph Leo, m .... Thayne, Wyoming
Nelson, Carl, m .... Greenville
Nelson, Franklin Theodore, s b 1 .... Redmond
Nelson, Ella Claudia, d 1 .... Fish Haven, Idaho
Newbold, Bertie, o .... Logan
Nibley, Preston, m .... Logan

Nibley, Merrill, m	Baker, Oregon
Nibley, Julia, o	Logan
Nichols, Lola, n 3	Brigham
Nichols, George Washington, Jr., m	Brigham
Nielsen, Joseph, m	Hyrum
Niels, Ben, m	Afton, Wyoming
Nielson, Niels Peter, s b 2	Pocatello
Nielson, Alfred, s b 1	Morgan
Nielson. John Alma, sc 2	Logan
Norris, Wilford, m	Randolph
Norr, Edmund Oleff, b 1	Stone, Idaho
Olson, Niels Orson, b 1	Millville
Olson, Rupert, m	Brigham
Ostlund, Jeanette, n 2	Logan
Parkinson, Harold Nuttall, n 1	Franklin, Idaho
Parkinson, Elva, n 2	Hyrum
Parkinson, Frank, N., b 2	Franklin, Idaho
Parkinson, Nettie Smart, b 1	Franklin, Idaho
Parkinson, Susie Smart, s b 2	Franklin, Idaho
Parkinson, Afton, s b 2	Logan
Parkinson, Eva Smart, o	Franklin, Idaho
Parkinson, Lillian Nash, fr	Hyrum
Parry, R. C. Vaughan, o	Logan
Partington, Rebecca, s d 1	Logan
Paull, George, m	Logan
Peacock, George Daniel, Jr., o	Manti
Pearson, Arthur Enoch, n 1	Leorin, Idaho
Peart, Amelia, o	Logan
Pehrson, Ernest William, jr	Logan
Peters, Elsa Elizabeth, n 2	Brigham
Peterson, John, O., n 1	Logan
Peterson, Parley Erastus, n 3	Smithfield
Peterson, Alonzo Hyrum, b 1	Geneva
Peterson, Lorenzo Carl, m	Hyrum
Peterson, Peter, Jr., s b 1	Redmond
Pitkin, Orson, m	Millville
Pierson, George Arthur, m	Plymouth
Pierson, May, n 1	Plymouth

Plowman, Louis, b 1	Smithfield
Pond, Harriet Abigail, s d 1	Lewiston
Pond, Hazel, s d 1	Lewiston
Poulsen, Anna, s b 1	Lewiston
Porter, Frank, s b 2	Logan
Preston, Lorin William, b 2	Weston, Idaho
Preston, Lizzie Louisa, n 1	Weston, Idaho
Preston, Mary, c 1	Salt Lake City
Quayle, Mrs. Nellie, sp	Logan
Quinlan, Edwin, m	Stone, Idaho
Quinney, May, n 1	Logan
Quinney, Myrtle, b 1	Logan
Raymond, Alonzo, Jr., m	McCammon, Idaho
Rainey, Irene, b 1	Afton, Wyoming
Rawlins, George Franklin, n 3	Lewiston
Rasmussen, Aaron, n 1	Clarkston
Raymond, Vane, n 1	Smithfield
Reese, George LeRoy, b 3	Benson
Reese, Anna Eliza, n 1	King
Reese, Mary Naoma, n 1	King
Ririe, James Alfred, p	Magrath, Canada
Richards, Emer, b 2	Mendon
Ricks, Rhea, b 3	Logan
Richards, Marilla, n 2	Mendon
Richards, Jennie, m 2	Mendon
Richards, Hyrum Smith, n 2	Fielding
Roberts, Frank Arthur, s b 1	Afton, Wyoming
Robinson, Clara Beatrice, d 1	Farmington
Robbins, Emma, sp	Logan
Roper, Suel, b 1	Preston, Idaho
Roskelley, Leroy Samuel, b 1	Smithfield
Roskelley, Charles Ora, sc 1	Smithfield
Roundy, Rebecca May, n 1	Benson
Roundy, Florence May, n 1	Benson
Roundy, Joseph Moroni, b 1	Benson
Roundy, John Wesley, s b 1	Benson
Roueche, Leo Delbert, sc 2	Millville
Rowan, Charles Elliot, Jr., m	Coyote

Savage, Bertie, n 3	Hyrum
Schenk, John Henry, i 1	College
Schneider, Hyrum, sc 2	Logan
Schow, Frederick Severin, fr	Richmond
Seamons, Oscar Monroe, m	Hyde Park
Shurtliff, Lorenzo Joy, p	Logan
Shipley, William Cecil, b 1	Paradise
Shurtliff, Ray, b 3	Baker, Oregon
Shaw, Betsey, E. H., n 1	Wellsville
Skidmore, Malinda Ray, b 2	Richmond
Skidmore, Rozina Marinda, n 1	Richmond
Smart, Carl, m	Logan
Smart, Mada, sc 1	Logan
Smart, Zella, o	Logan
Smith, Ella Frances, n 1	Logan
Smith, Sarah Sophia, n 2	Logan
Smith, Maud Marianna, fr	Logan
Smith, Lyman Obray, m	Logan
Smith, Maryetta, p	Benson
Smith, Letha, d 1	Logan
Smith, David, sp	Kaysville
Snedaker, Jedediah, Leroy, sp	Logan
Sonne, Alma, b 3	Logan
Sorenson, Nels Louis, n 1	Logan
Sorenson, Lovina, n 2	Geneva
Sorenson, Edith, b 1	Mendon
Sorenson, John Cornelius, b 1	Logan
Sorenson, Hans, Jr., m	College
Sorenson, Nephi, m	Mendon
Sorenson, Hyrum Peter, m	Smithfield
Sorenson, George Albert, s b 1	Logan
Sorenson, John P., so	Logan
Spongberg, Thomas, jr	Preston, Idaho
Spencer, Edmund Burke, m	Logan
Speierman, Marie, n 3	Logan
Stanger, Hyrum Thompson, m	American Falls
Stanger, George Oscar, m	American Falls, Idaho
Stephens, Amos Russell, b 1	Bennington, Idaho

Stewart, Agnes Matilda, o	Logan
Stewart, Daniel H., fr	Wellsville
Stowell, Ann Janett, n 2	Logan
Stowell, Vesta Minerva, n 2	Logan
Stock, Inez Jane, n 2	Kemmerer, Wyoming
Stock, Ida Susie, a 2	Kemmerer, Wyoming
Stringer, John William, m	Kemmerer, Wyoming
Stratford, Earl Andrew, o	Ogden
Sweeten, Colen Hagle, m	Mendon
Swenson, Ellen, sp	Logan
Swenson, Henry, m	Afton, Wyoming
Tate, James, m	Spring Valley, Wyoming
Taylor, Ida, n 1	Willard
Taylor, Ulysses C., n 1	Willard
Thomas, Elizabeth Obray, n 1	Paradise
Thomas, Carrie Inger, o	Logan
Thomason, Olga Elydia, n 1	Logan
Thompson, Minnie, n 3	Brigham
Thoresen, Eugene, m	Hyrum
Thorpe, Lorenzo Riggs, m	Wellsville
Tolman, Abinadi, m	Honeyville
Tibbitts, George S., m	Providence
Tripp, Guy Ernest, c 1	Richmond
Tripp, Walter Webster, c 1	Richmond
Van Orden, Berneice Idella, n 2	Lewiston
Vernon, Mrs. Fannie Maughan, sp	Logan
Waite, Appie Leo, n 2	Hyde Park
Walton, Edwin Albert, b 1	Pocatello
Wangsgard, David, n 2	Huntsville
Wangsgard, William, b 1	Huntsville
Ward, John M., n 1	Bloomington, Idaho
Ward, Charles William, m	Woodruff, Idaho
Watkins, Aurilla May, n 1	Bingham
Watkins, Joseph Hammond, sc 1	Collinston
White, Lelia May, n 1	Clarkston
Whitehead, William, Jr., p	Franklin, Idaho
Williams, Mary, p	Wellsville
Williams, Herbert B., b 2	Pocatello

Williams, William, b 3	Samaria, Idaho
Williams, Maud, o	Wellsville
Wilcox, Samuel Pitkins, m	College
Wilcox, Eben, m	Fielding
Wood, William, m	Fielding
Woodland, Daniel P., sc 2	Downey, Idaho
Woodland, Cheslie Andrew, p	Oneida, Idaho
Woodland, Dan Ray m	Willard
Woodland, Joseph Morrison, m	Oneida, Idaho
Worley, Alice Laverne, n 2	Logan
Wright, Norris Bert, o	Hyrum
Wright, Edgar Monroe, sp	Bennington, Idaho
Wright, George William, m	Franklin, Idaho
Wright, Cyril James, n 1	Franklin, Idaho
Yancy, Orval, b 1	Blackfoot, Idaho
Yeates, Israel, m	Millville
Young, Ernest Thomas, c 2	Perry
Zundel, Lewis, m	Willard

SUMMARY OF STUDENTS.

Seniors	3
Juniors	3
Sophomores	2
Freshmen	20
Third Year	27
Second Year	86
First Year	205
Missionary Students	99
Preparatory Students	37
Special Students	62
Optional Students	35
Training School Students	92
Summer School Students	60
Total	731

PROGRAMME OF RECITATIONS.

In small classes the time of recitation may be changed to suit the convenience of students.

SUBJECT.	SEC.	ROOM	HOUR	DAYS	INSTRUCTOR.
Apostolic Age, 2nd term.	1	5	11	M. T, Th.F	Professor Chamberlin
" " "	2	15	11	M. T, Th,F	" Hall
Algebra	1	6	10	Daily	Instructor Perry
"	3	7	1	"	Professor Skidmore
Arithmetic—Commerc'l	2	2	10	"	Instructor Anderson
" "	4	2	1	"	" Marler
Agriculture		4	2	T.W. Th.F	President Linford
Animal Industry, 1st t'm		*			" "
Agricultural Physics		*			Instructor Merrill
Algebra II, 2d term		7	2	T. W. Th.F	Professor Skidmore
Algebra III, 1st term		*			" "
Arithmetic–Prep		6	9	Daily	Instructor Perry
Art Needle-work		*			" Hubbard
Art of Nursing		*			" Homer
Book of Mormon	1	2	11	M.T. Th.F	Professor Ridges
"	2	9	11	"	" Jensen
"	3	7	11	"	" Skidmore
"	4	6	11	"	Instructor Merrill
Business Correspondence	1	E 3	9	T. Th.	" Kemp
" "	2	5	2	"	" "
Scripture Read'gs—Miss		4	11	M. T. Th.F	" Henderson
Bible " —Prep.		3	11	"	" Homer
Bookkeeping I		E 5	2†	M.W.F	" Marler
" II		E 5	2†	Daily	Professor Bullen
Botany I	1	10	8	M.W.F	Instructor Henderson
"	2	10	10	"	" "
" —Lab	1	10	2	T. Th.	" "
" "	2	10	2	M. W.	" "
Classics	1	12	8	Daily	Professor Vernon
"	3	12	10	"	" "

SUBJECT.	SEC.	ROOM	HOUR	DAYS	INSTRUCTOR.
Church History and Doc.		11	11	M. T. Th. F	Professor Miller
“ “ —Miss		9	1	“	“ Jensen
Carpentry I	1	L 1	8†	T. W. Th. F	Instructor Merrill
“	2	L 1	1†	“	“ “
“	3	L 1	3†	“	“ “
“ II		*			“ “
“ III		*			“ “
“ IV		*			“ “
Commercial Law		E 3	9	M. W. F	Professor Bullen
Com. and Transportation		E 5	10	“	“ “
Cooking I—Lab	1	E 2	12	M. W.	Instructor Homer
“ “	2	E 2	12	T. Th.	“ “
“ —Lectures		E 1	9	M. W. F	“ “
“ II. last ⅔ yr—Lab		E 2	9†	T. Th.	“ “
“ “ “ —Lec		E 1	10	M. W.	“ “
Cutting, Fitting, 2d term		E 6	2†	M. W. F	Instructor Hubbard
Civil Government		11	9	T. Th.	Professor Miller
Chemistry I, 1st term		L 3	10	M. W. F	Professor Ridges
“ “ —Lab		L 3	2†	T. Th.	“ “
“ II		*			“ “
“ of Foods		*			Instructor Homer
Dressmaking		E 6	9†	Daily	“ Hubbard
Elocution	1	6	1	T. Th.	“ Perry
“	2	6	2	“	“ “
“ II		*			“ “
English—Miss		3	9	Daily	“ Kemp
English Literature		12	11	M. T. Th. F	Professor Vernon
“ Preparatory		5	1	Daily	Instructor Hubbard
“ Elective		*			Professor Vernon
Ethics		*			“ Hall
European History		11	2	T. Th.	“ Miller
French I		3	2	T. W. Th. F	Instructor Glardon
“ II		3	1	“	“ “
“ III		*			“ “
Fruit Work, 1st 1-3yr. Lab		E 2	9	T. Th.	“ Homer
“ “ —Lec.		E 1	10	M. W.	“ “
Grammar	2	4	1	Daily	“ Bush

SUBJECT.	SEC.	ROOM	HOUR	DAYS.	INSTRUCTOR.
Grammar.	4	4	10	Daily	Instructor Bush
German I		10	1	T.W. Th.F	" Henderson
" II		10	9	"	" "
" III		3	10		" Glardon
Greek I and II		*			Professor Chamberlin
Geometry, Pland	1	7	9	M.W.F	" Skidmore
" "	2	7	10	"	" "
" Solid, 2d term		7	2	T.W. Th.F	" "
Geology I, 2d term		9	10	Daily	" Jensen
" II		*			" "
Geography—Prep		6	2	M.W.F	Instructor Perry
Household Economics		E 6	2	T. Th.	" Hubbard
Horticulture, 2d term		*			President Linford
Hist. Ori't & Greece, 1st tr		11	8	Daily	Professor Miller
History of Rome, 2d term		11	8	"	" "
Hygiene and Sanitation		*			Instructor Homer
History, U. S.—Prep		E 3	10	T. Th.	" Kemp
" Elective		*			Professor Miller
" American		11	9	M.W.F	" "
Inv'd Cook'g, last ½ yr lab		E 2	9†	T. Th.	Instructor Homer
" " " Lec.		E 1	10	M. W.	" "
Life of Christ, 1st term	1	6	11	M.T. Th.F	Professor Chamberlin
" "	2	15	11	"	" Hall
Latin I		5	8	"	" Chamberlin
" II		5	9	"	" "
" III		*			" "
Mechanical Drawing		7	9†	T. Th.	" Skidmore
Mathematics, Elective		*			" "
Old Testament		15	1	M.W.F	" Hall
Pedagogy		15	9	M.T. Th.F	" "
Physiography	1	9	9	M.W.F	" Jensen
"	2	2	9	"	" Ridges
"	3	9	2	"	" Jensen
"	4	2	2	"	" Ridges
Penmanship	1	E 5	9	Daily	Instructor Anderson
"	2	E 3	2	"	" "
Plain Sewing, 1st term		E 6	2†	M.W.F	" Hubbard

SUBJECT.	SEC.	ROOM	HOUR	DAYS	INSTRUCTOR.
Principles of the Gospel		11	10	Daily	Professor Miller
Physiology I	1	2	8	M.	" Ridges
"	2	2	8	W.	" "
" Lab	1	8	2†	T.	" "
" "	2	8	2†	Th.	" "
Physics I		9	8	M.W.F	" Jensen
" Lab		8	1†	Th.	" "
" Elective		*			" "
Psychology I		15	10	M.W.F	" Hall
" II		*			" "
Political Economy		11	1	M.W.F	" Miller
Physical Culture I		17	3	M. W.	Instructor Perry
" " II		*			" "
" " for men		*			" Kemp
Rhetoric I	1	4	8	Daily	" Bush
"	2	4	9	"	" "
" II		12	8	T. Th.	Professor Vernon
Soils and Fertilizers		*			" Ridges
Stenography		E 3	1	Daily	Instructor Anderson
Science of Nutrition		*			" Homer
Theology, Elective		*			Professor Chamberlin
Theory of Teaching		15	10	T. Th.	" Hall
Typewriting	1	E 3	*		Instructor Anderson
"	2	E 3	*		" "
"	3	E 3	*		" "
"	4	E 3	*		" "
Telegraphy		*			" "
Trigonometry, 2d term		*		M.W.F	Professor Skidmore
Training, Normal		Tr.Sch	1	Daily	" Hall
Vocal Music	1	25	3	M.W.F	Instructor Robinson
"	2	25	2	T. Th.	" "
" Miss		25	2	M.W.	" "
Zoology	1	10	8	M.W.F	" Henderson
"	2	10	10	"	" "
" Lab	1	10	2†	T. Th.	" "
" "	2	10	2†	M.W.	" "
Zoology & Botany, Elect.		*			President Linford

*Hours to be arranged. † Two-hour periods.

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Grammar.	4	4	10	Daily	Instructor Bush
German I		10	1	T.W. Th. F	“ Henderson
“ II		10	9	“	“ “
“ III		3	10		“ Glardon
Greek I and II		*			Professor Chamberlin
Geometry, Pland	1	7	9	M.W.F	“ Skidmore
“ “	2	7	10	“	“ “
“ Solid, 2d term		7	2	T.W. Th. F	“ “
Geology I, 2d term		9	10	Daily	“ Jensen
“ II		*			“ “
Geography—Prep		6	2	M.W.F	Instructor Perry
Household Economics		E 6	2	T. Th.	“ Hubbard
Horticulture, 2d term		*			President Linford
Hist. Ori't & Greece, 1st tr		11	8	Daily	Professor Miller
History of Rome, 2d term		11	8	“	“ “
Hygiene and Sanitation		*			Instructor Homer
History, U. S—Prep		E 3	10	T. Th.	“ Kemp
“ Elective		*			Professor Miller
“ American		11	9	M.W.F	“ “
Inv'd Cook'g, last ⅓yr lab		E 2	9†	T. Th.	Instructor Homer
“ “ “ Lec.		E 1	10	M. W.	“ “
Life of Christ, 1st term	1	6	11	M. T. Th. F	Professor Chamberlin
“ “	2	15	11	“	“ Hall
Latin I		5	8	“	“ Chamberlin
“ II		5	9	“	“ “
“ III		*			“ “
Mechanical Drawing		7	9†	T. Th.	“ Skidmore
Mathematics, Elective		*			“ “
Old Testament		15	1	M.W.F	“ Hall
Pedagogy		15	9	M.T. Th.F	“ “
Physiography	1	9	9	M.W.F	“ Jensen
“	2	2	9	“	“ Ridges
“	3	9	2	“	“ Jensen
“	4	2	2	“	“ Ridges
Penmanship	1	E 5	9	Daily	Instructor Anderson
“	2	E 3	2	“	“ “
Plain Sewing, 1st term		E 6	2†	M.W.F	“ Hubbard

SUBJECT.	SEC.	ROOM	HOUR	DAYS	INSTRUCTOR.
Principles of the Gospel		11	10	Daily	Professor Miller
Physiology I	1	2	8	M.	" Ridges
"	2	2	8	W.	" "
" Lab	1	8	2†	T.	" "
" "	2	8	2†	Th.	" "
Physics I		9	8	M.W.F	" Jensen
" Lab		8	1†	Th.	" "
" Elective		*			" "
Psychology I		15	10	M.W.F	" Hall
" II		*			" "
Political Economy		11	1	M.W.F	" Miller
Physical Culture I		17	3	M. W.	Instructor Perry
" " II		*			" "
" " for men		*			" Kemp
Rhetoric I	1	4	8	Daily	" Bush
"	2	4	9	"	" "
" II		12	8	T. Th.	Professor Vernon
Soils and Fertilizers		*			" Ridges
Stenography		E 3	1	Daily	Instructor Anderson
Science of Nutrition		*			" Homer
Theology, Elective		*			Professor Chamberlin
Theory of Teaching		15	10	T. Th	" Hall
Typewriting	1	E 3	*		Instructor Anderson
"	2	E 3	*		" "
"	3	E 3	*		" "
"	4	E 3	*		" "
Telegraphy		*			" "
Trigonometry, 2d term		*		M.W.F	Professor Skidmore
Training, Normal		Tr.Sch	1	Daily	" Hall
Vocal Music	1	25	3	M.W.F	Instructor Robinson
"	2	25	2	T. Th.	" "
" Miss		25	2	M.W.	" "
Zoology	1	10	8	M.W.F	" Henderson
"	2	10	10	"	" "
" Lab	1	10	2†	T. Th.	" "
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Zoology & Botany, Elect.		*			President Linford

*Hours to be arranged. † Two-hour periods.

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SUPPLEMENT TO THE

BRIGHAM YOUNG COLLEGE BULLETIN.

Vol. II. JULY, 1903. No. 1.

GENERAL INFORMATION.

It would be well for the patrons of the Brigham Young College to remember:

That the College has increased its facilities for the accommodation of students.

That more students attended the College last year than at any other time in its history.

That there were more students doing purely College work than during any other year.

That the members of the faculty are specialists in their own lines and have been chosen because of their especial fitness for their work. They are scholarly, and in addition, Latter-day Saints; therefore, especially qualified to teach our young people.

That students who do college work with us may feel assured that credit will be given in eastern colleges and universities, should they desire to work in such schools.

That the Normal Course is strong and up to date in every particular. The Normal Training-school is a strong adjunct, giving the student an opportunity to do actual teaching before graduating.

That the Business Department is well established and, through recent changes that have been made, will hereafter occupy large well-equipped rooms in the East Building. A better business training cannot be had than is here given.

That the work in carpentry has been successful beyond our anticipations, and is far more practical than such work usually is in manual-training schools.

That the work in cooking last year was of the highest grade, and so popular that a large room formerly used as a class room has been fitted up as a kitchen for next year's work in order to meet the increasing demands.

That the work in sewing, dressmaking, and related subjects is not excelled.

That a *Preparatory Engineering Course* has been added to prepare for entrance to electrical, civil, mining, and mechanical engineering courses.

That a *Civil Engineering Course* has been established in the College proper, the aim being to make this of the same high standard as the other courses.

That a Sunday Normal School gives excellent training in Kindergarten, and primary methods in Sunday School, Primary, and Religion Class work; and also organizes method classes of instruction suited to the other Church organizations.

That the domestic organization, as now planned, will be very helpful not only to the college but also to the parents in assisting them to know what their children are doing at school.

That Logan is an ideal place to send students because of the high moral tone pervading its society.

MUSIC.

To meet the demands for first class work in music the trustees of the Brigham Young College have secured the services of a very able musical faculty. We point with pride to the work that has already been done. The work of last year was highly satisfactory, and the prospects for the coming year are very favorable. Those who wish a good musical education will do well to investigate the opportunities we offer for voice culture and the study of the violin and the piano. The instruction given along these lines is not excelled by any school in the state. This will be readily understood after a perusal of the following sketch of our leading teachers.

Miss Lillian Oliver, one of Salt Lake City's leading artists, as instructor on the piano is a first class teacher, as well as artist. Her success in the College last year was phenomenal. Her skill as a concert performer and her ability as a teacher combine to make her very successful. Miss Oliver studied in Europe under the great teacher Beringer, and we are safe in saying that there is not a pianist in the state who has received more praise from the public than has Miss Oliver. The following are samples of newspaper comments on her work:

"Utah's distinguished pianist, Miss Lillian Oliver, has had the advantage of European education. Her execution and fine phrasing make her a finished artist. Her numbers were of the most difficult composition. She played from Chopin and Liszt. Miss Oliver's forte is concert work, as she has the appearance and temperament which go to make a successful public performer. Her future will be watched by her score of Utah friends."—*Deseret News.*

"Last night was Miss Oliver's first public appearance since her return from Europe, and it is only fair to say that in the rendition of the difficult selection chosen, she surprised even the most sanguine of her friends. Her execution was unusually fine, and her touch and expression admirable. Miss Oliver played "April" (from Shakespeare Cycle) op. 19 by Lohr; "Etude," by Beringer; "Rhapsodie Hongroise," by Verdi.—*Salt Lake Tribune.*

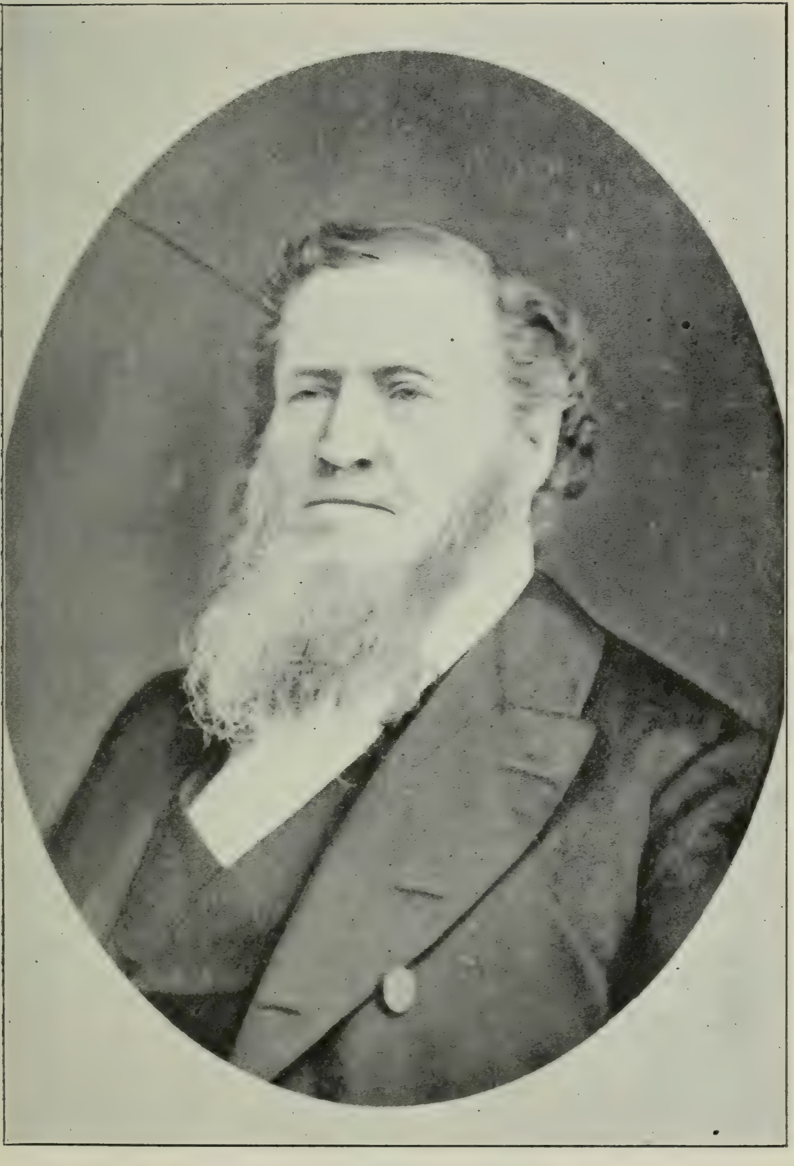
The cost of private instruction is very reasonable for an artist of her class, but in order to accommodate those who cannot afford to take private lessons it has been decided to organize classes of three or four students, as is done in some of the world's leading conservatories of music. By this plan each member of the class gets the benefit of the criticisms given to the others.

Prof. C. M. Harris is too well known to need much comment. He studied in Chicago under one of the best violinists in the United States, and then went to Berlin, Germany, where he studied under the best teachers in the world. His fine solo work and the rapid progress his pupils make, stamp him as an artist of the first rank.

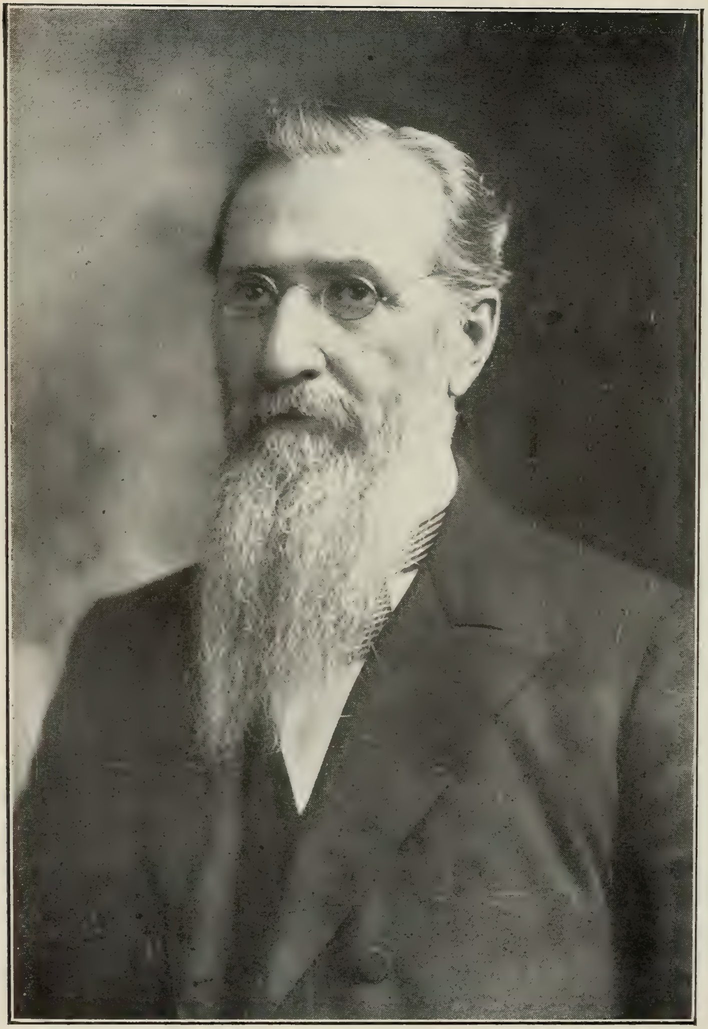
Prof. W. O. Robinson (voice culture) is a young artist who is enthusiastically devoted to his work. After studying under Evan Stephens and H. S. Goddard, of Salt Lake City, he took a course, in 1902, in the Chicago Conservatory of Music. He is now studying in the University of Chicago and the Conservatory, but will return to the Brigham Young College for the opening of school. Prof. Robinson is a natural leader. The excellent work he did last year was praised by every one who either attended or visited the College.

Write to the President's office for information that will assist you in securing board or rooms.

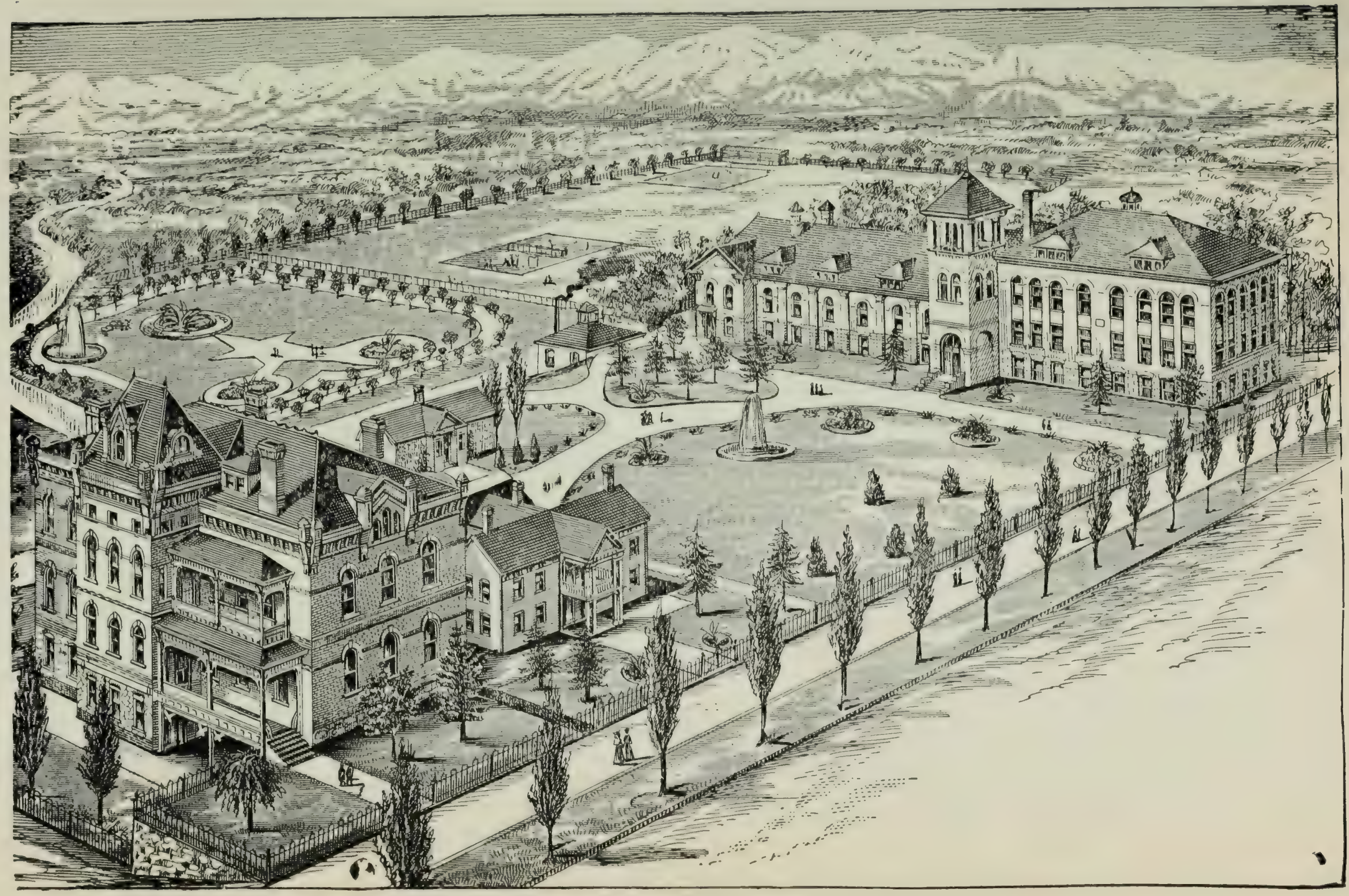
LIBRARY
OF THE
UNIVERSITY of ILLINOIS



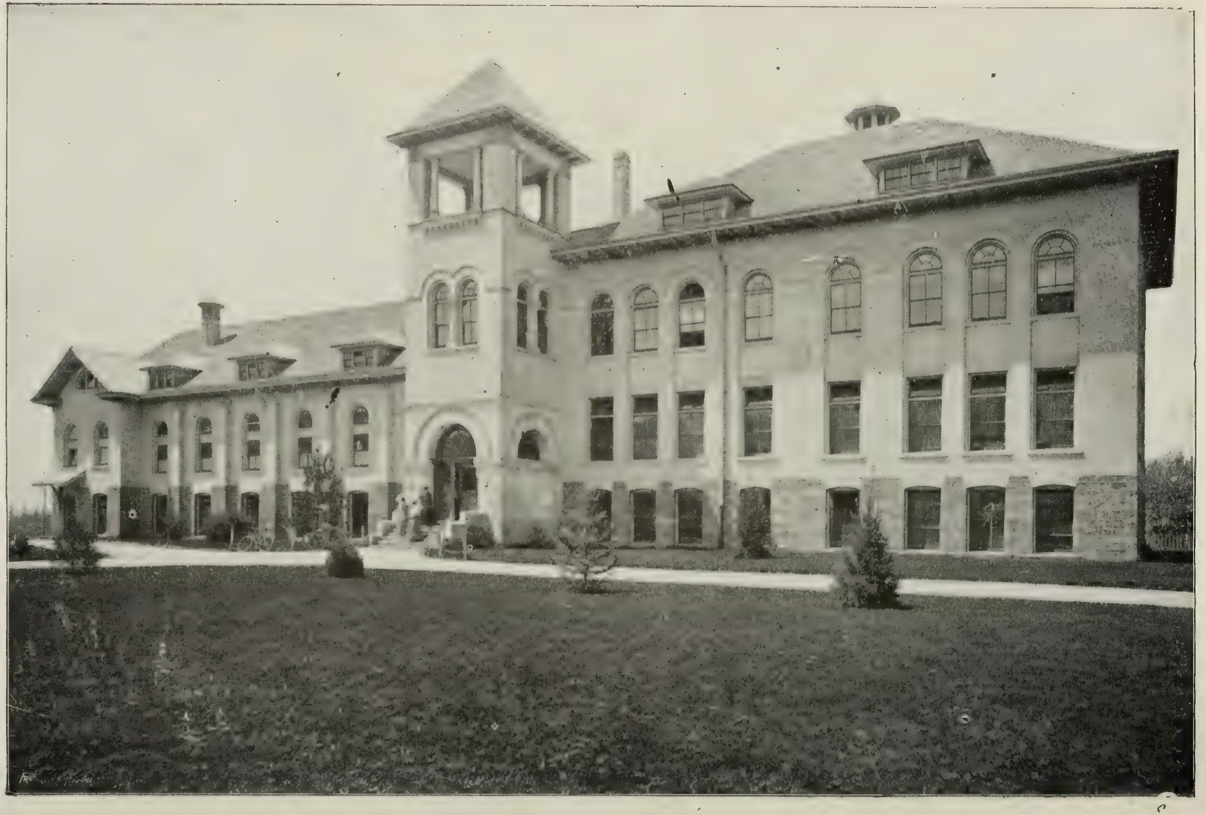
PRESIDENT BRIGHAM YOUNG.
Founder of the Brigham Young College.



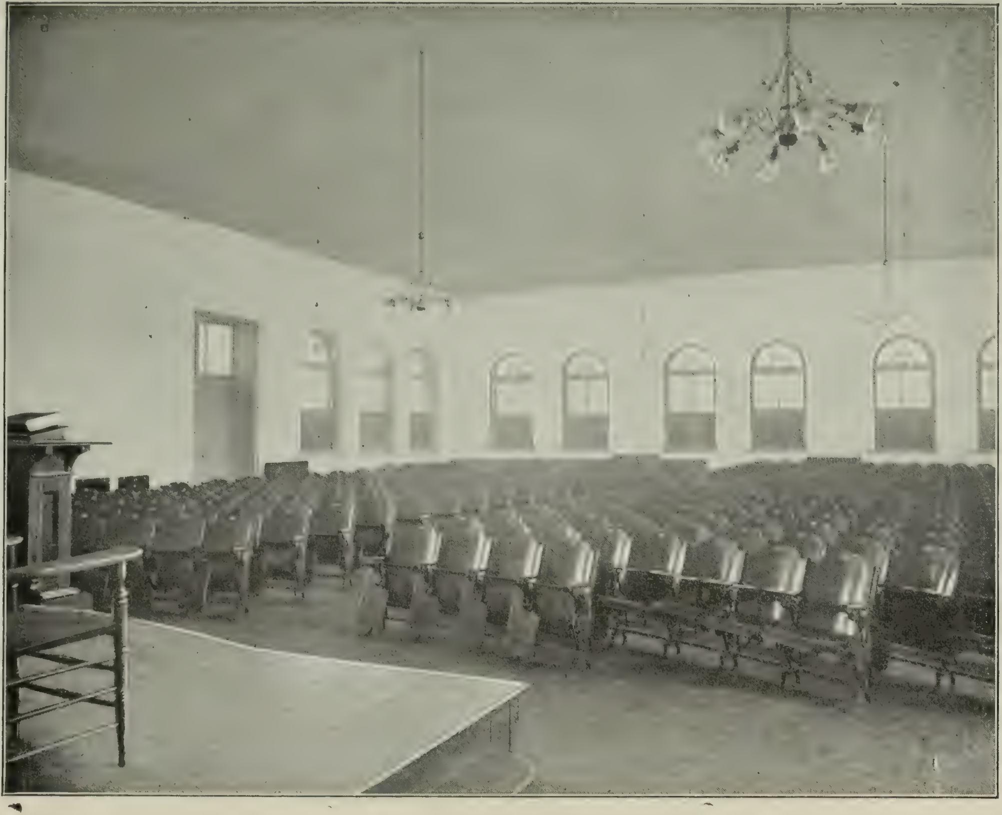
PRESIDENT JOSEPH F. SMITH.
President of the Board of Trustees.



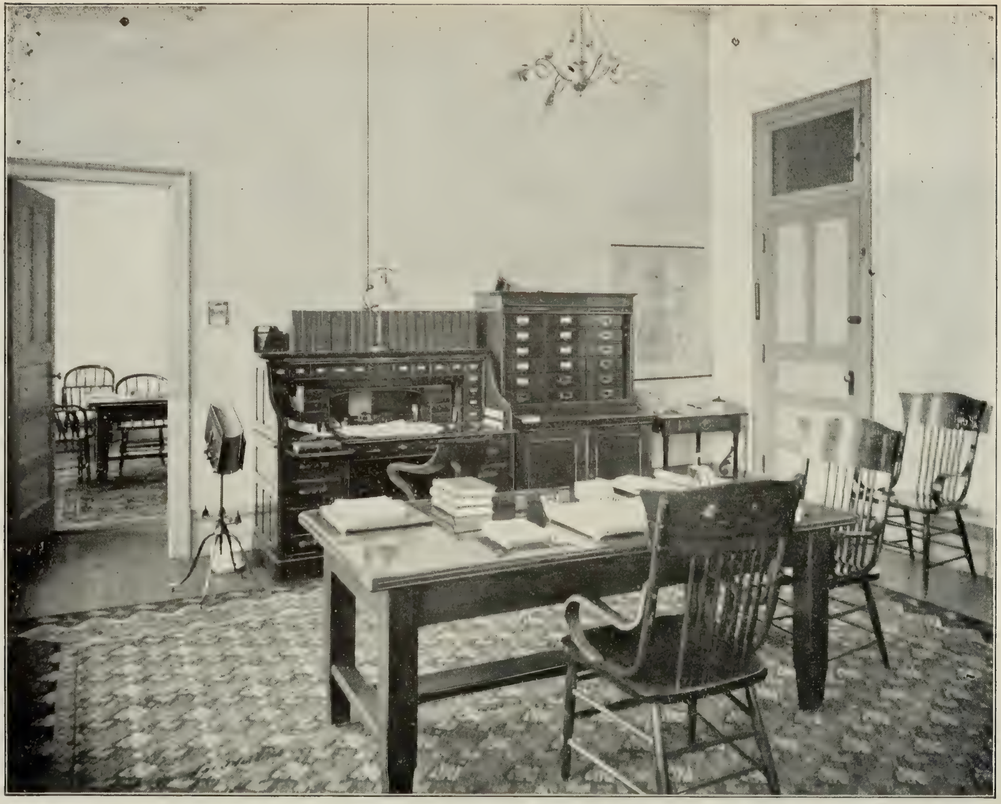
BRIGHAM YOUNG COLLEGE CAMPUS FROM NORTH-EAST



WEST BUILDING.



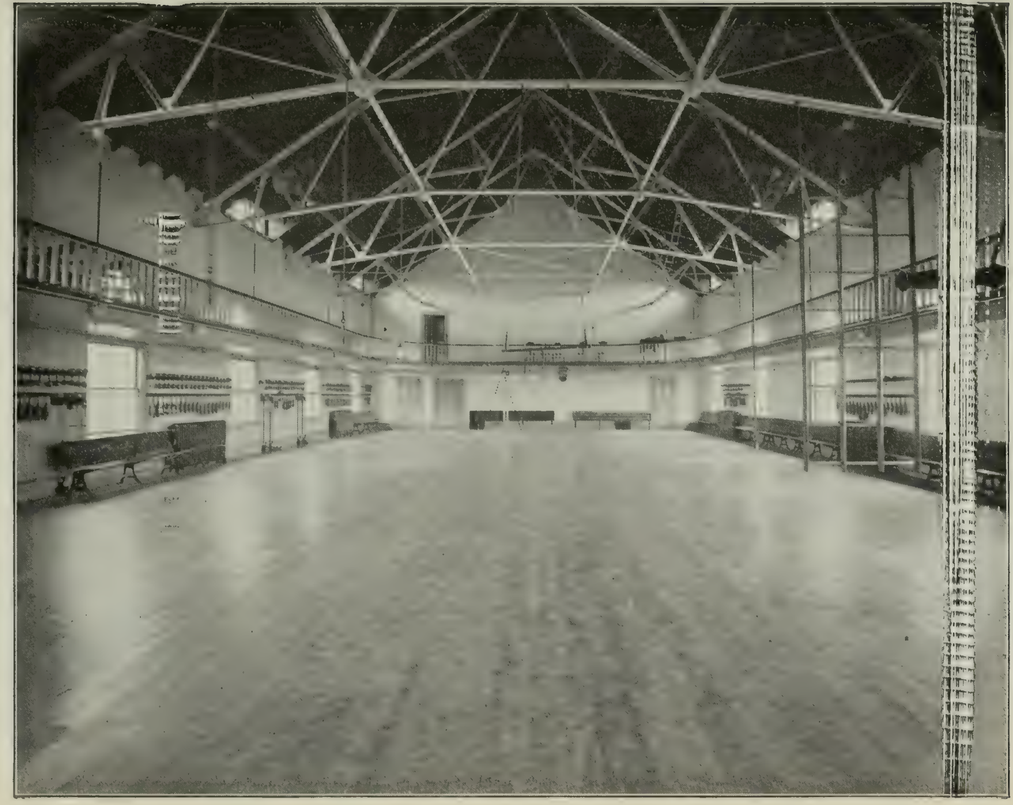
ASSEMBLY ROOM, LOOKING FROM THE PLATFORM.



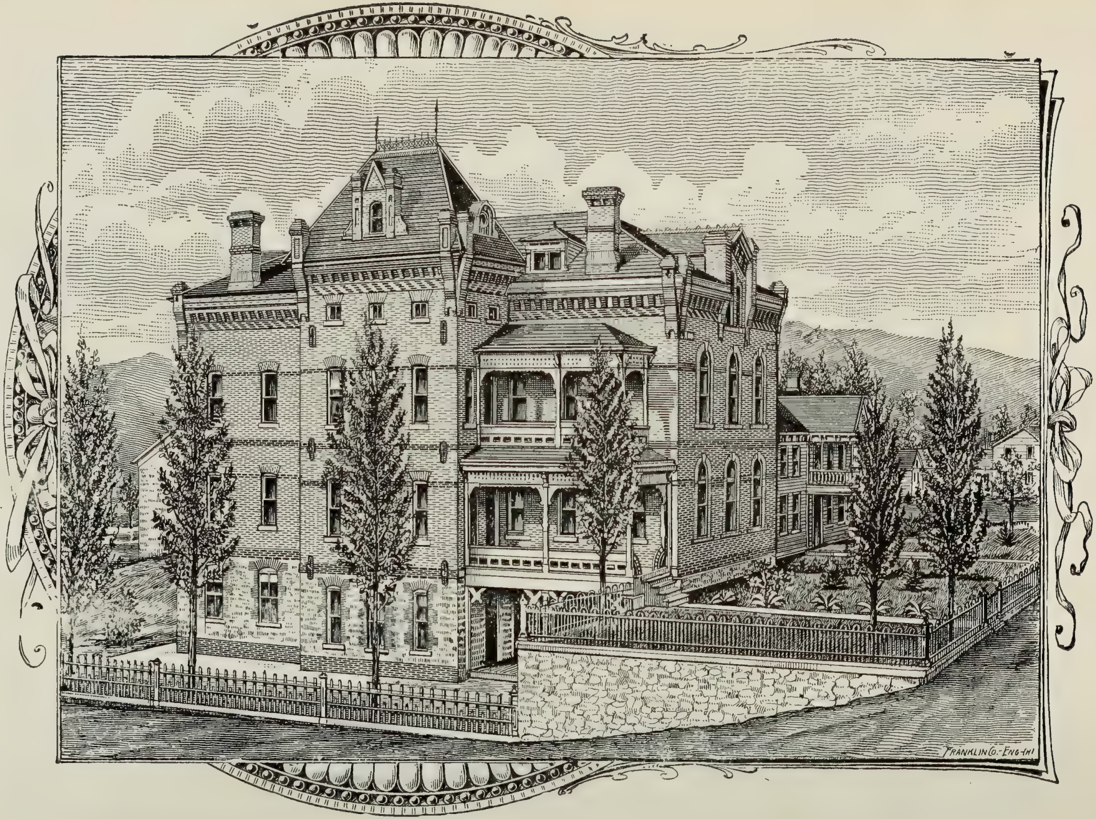
PRESIDENT'S OFFICE, WEST BUILDING.

BIOLOGICAL LABORATORY.

PHYSICAL LABORATORY.

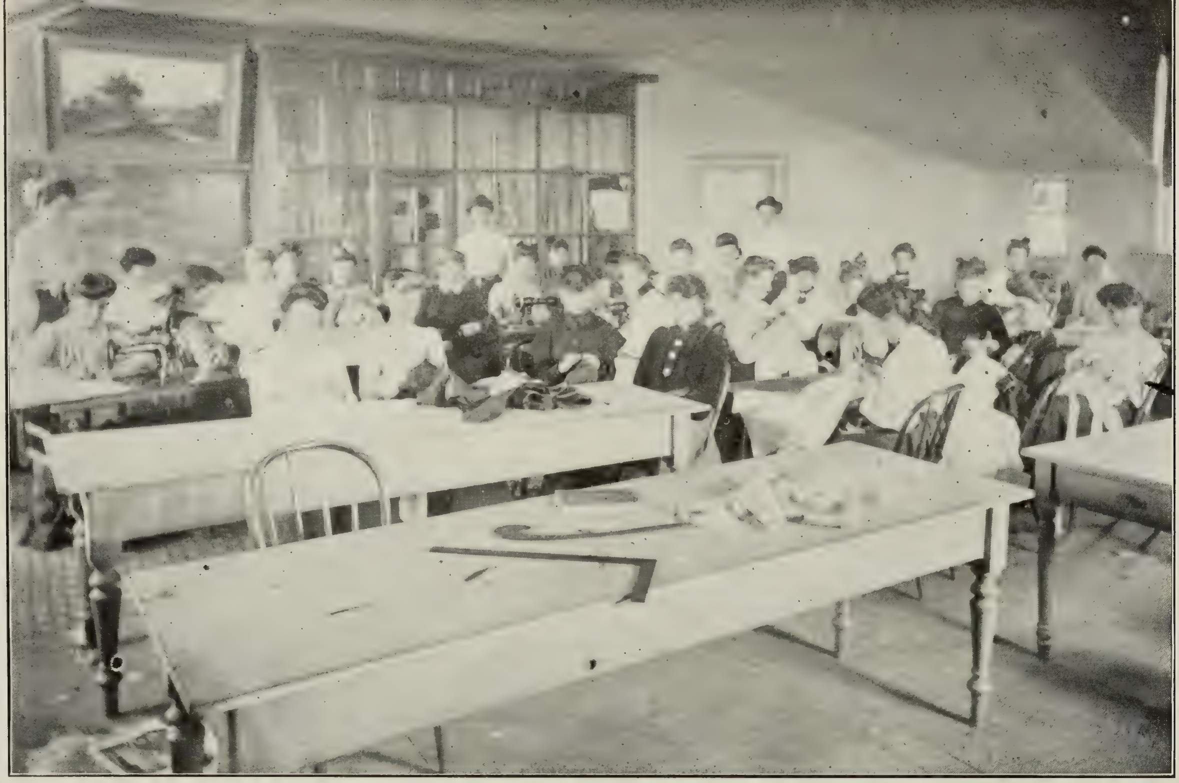


GYMNASIUM WEST BUILDING



EAST BUILDING.

BUSINESS ROOM, EAST BUILDING.

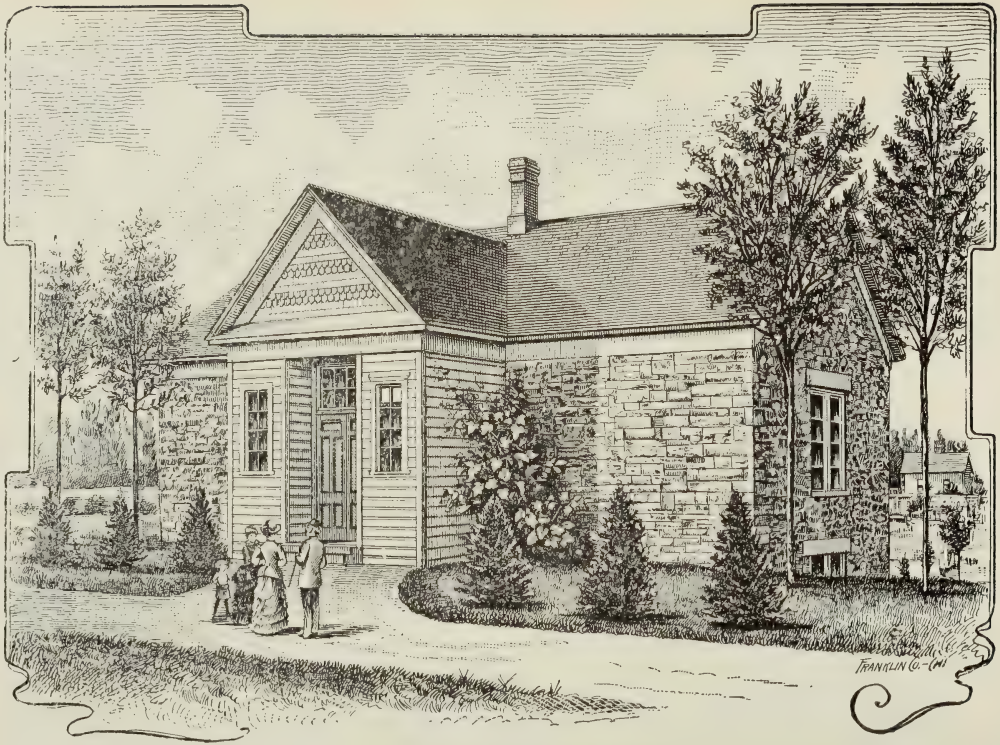


SEWING ROOM, EAST BUILDING.

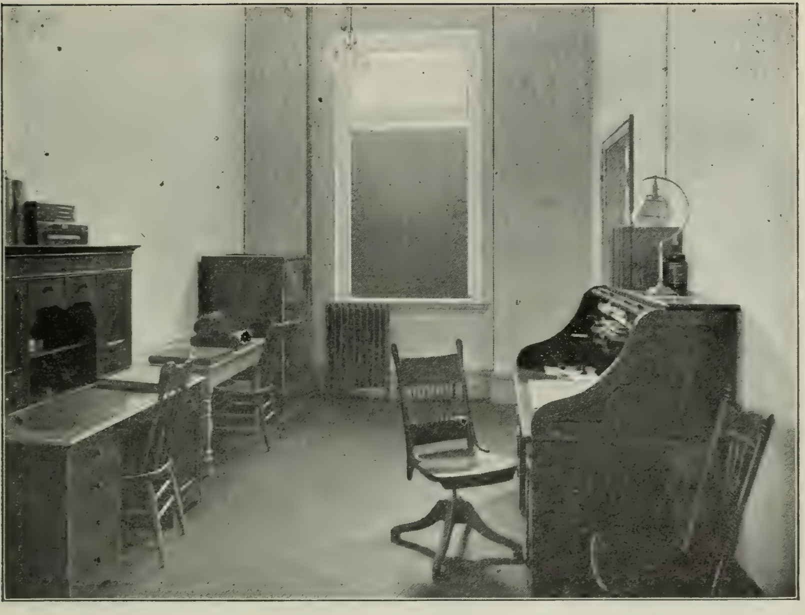
COOKING LABORATORY, EAST BUILDING.

CORNER IN LIBRARY AND READING ROOM.

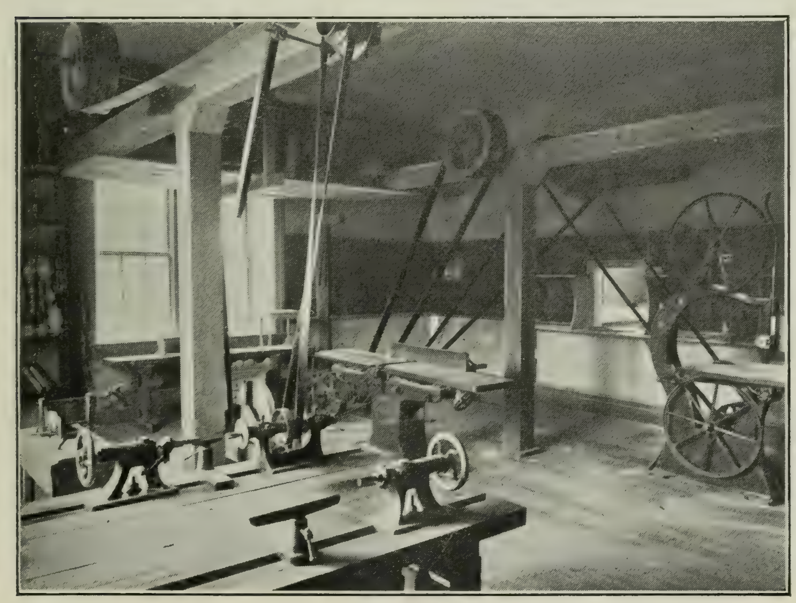
THE CRIMSON STAFF.



LABORATORY BUILDING.



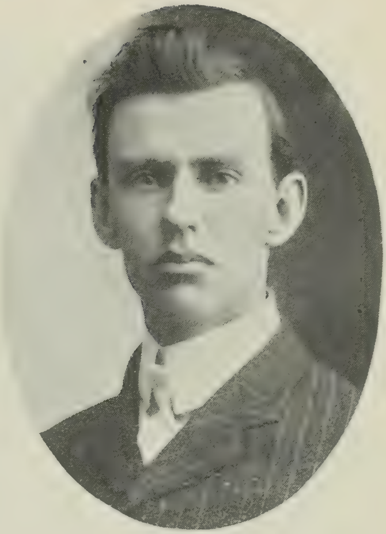
OFFICE OF REGISTRAR AND SECRETARY, WEST BUILDING.



CORNER IN MACHINE SHOP, LABORATORY BUILDING.

STUDENTS' WORK.

E. W. PEHRSON.



J. H. KEMP.

Graduates with the Degree Bachelor of Arts.

MUSIC ROOM, WEST BUILDING.

CLASS OF 1904.

GIRLS BASKET BALL TEAM.

TRAINING SCHOOL GRADUATES.

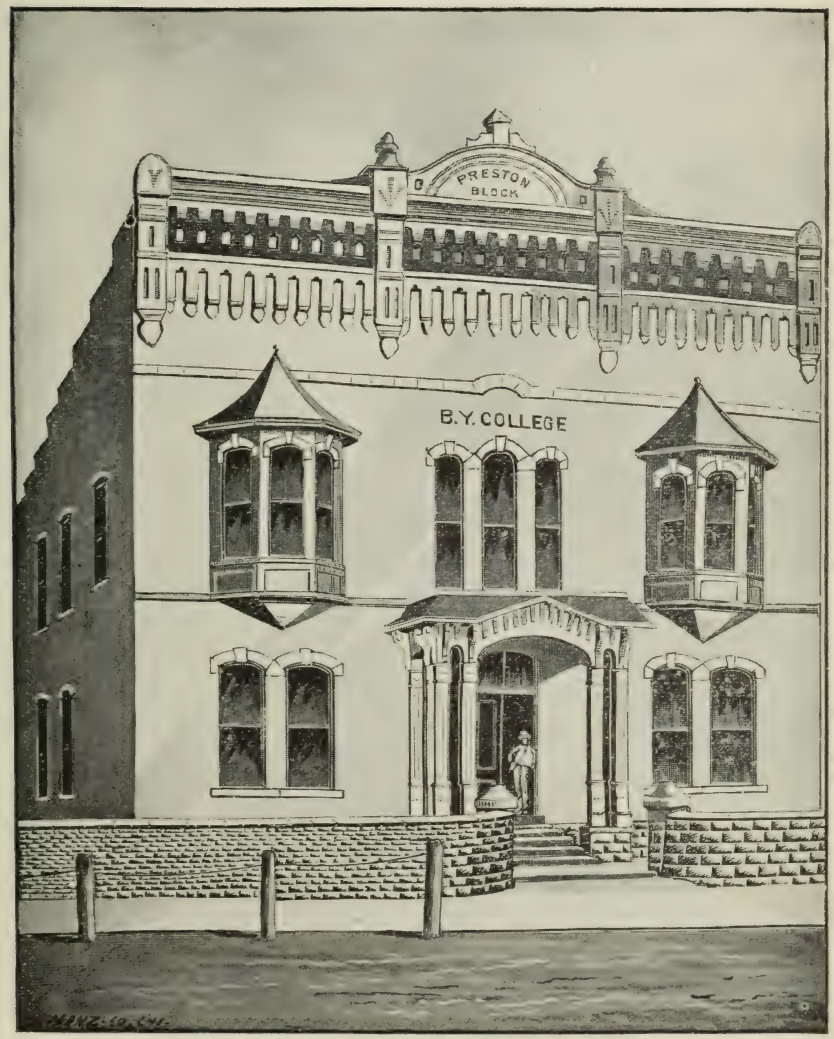
B. Y. C. BASEBALL TEAM.

COLLEGE SENIOR BASKET-BALL TEAM.

COLLEGE BRASS BAND

COLLEGE OPERETTA COMPANY.

MEMBERS OF COLLEGE ORCHESTRA.



TRAINING SCHOOL BUILDING.

CATALOGUE

OF THE

BRIGHAM YOUNG COLLEGE.

FOR

1904-1905.

WITH LIST OF STUDENTS FOR 1903-1904.

"A GENERAL EDUCATION IS THE BIRTHRIGHT OF EVERY MAN AND WOMAN IN AMERICA."

LOGAN, UTAH.

PUBLISHED BY THE COLLEGE.

JULY, 1904.

THE SKELTON PUB. CO., PROVO, UTAH.

1904.

JULY

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1905.

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CALENDAR 1904-1905.

FIRST TERM.

September 19, Monday—Entrance examinations and registration of students.

September 20, Tuesday—Instruction begins.

November 24, 25, Thursday, Friday—Thanksgiving recess.

December 23, Friday—Christmas vacation.

1905.

January 9, Monday—Instruction begins.

February 3, Friday—First term ends.

SECOND TERM.

February 6, Monday—Second term begins.

February 22, Wednesday—Washington's Birthday.

May 30, Tuesday—Decoration Day.

June 1, Thursday—Field Day.

June 2, Friday—Twenty-seventh Annual Commencement.

June 2, Friday evening—Alumni Reunion.

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BOARD OF TRUSTEES.

Joseph F. Smith, President	Salt Lake City, Utah
William B. Preston, Vice-President	Salt Lake City, Utah
William H. Lewis	Lewiston, Utah
Joseph Howell	Logan, Utah
Marriner W. Merrill	Richmond, Utah
Richard W. Young	Salt Lake City, Utah
Lyman R. Martineau	Logan, Utah

Herschel Bullen, Jr.	Secretary and Treasurer

EXECUTIVE COMMITTEE.

William B. Preston, Chairman.
Marriner W. Merrill. Lyman R. Martineau.

COLLEGE COUNCIL.

James H. Linford, Chairman.

J. F. Miller,
Weston Vernon,
Mosah Hall,
Herschel Bullen, Jr.,
W. H. Chamberlin,
A. J. Ridges, Jr.,
C. H. Skidmore,
A. B. Wright,
Almeda Perry,
W. O. Robinson,
Rose Homer,
Amos Merrill, Secretary,
Gwennie Hubbard,
Walter M. Wolfe.

FACULTY AND INSTRUCTORS.

Arranged in Groups in the Order of Seniority of Appointment.

JAMES HENRY LINFORD, D. B., B. S.,

PRESIDENT.

Professor of Zoology and Botany.

Graduate of the Normal Department of the University of Utah, 1890; Superintendent of Schools, Davis County, Utah ,1891, 1892; Professor of Zoology and Botany, Brigham Young College, 1892-1900; Student at Hopkins Seaside Laboratory of the Leland Stanford, Jr., University, summers of 1895, 1896; D. B., Church Board of Education, 1897; B. S., Brigham Young College, 1898; Student of the University of Chicago, summer of 1899; Member of International Association of Botanists, 1900; Member American Association for the Advancement of Science, 1903; Present position since 1900.

116 West First South.

JACOB FRANKLIN MILLER, D. B., A. B.,

Professor of History and Political Science.

Student in the University of Utah, 1873-74, 1875-76, 1885; On mission to the Southern States, 1883-1885; Superintendent of Public Schools, Davis County, 1889; Teacher of Advanced Department Davis Stake Academy, 1889-1891; D. B., Church Board of Education, 1896; A. B., Brigham Young College, 1902; Member of the American Academy of Political and Social Science, and also member of the Historical Association since 1897; Present position since 1892.

85 East Second South.

WESTON VERNON, B. Pd., D. B., A. M.,

Professor of the English Language and Literature.

B. Pd., Brigham Young Academy, 1894; A. B., University of Utah, 1895; D. B., in Ancient Languages, Church Board of Education, 1897; Professor of Languages, Brigham Young College, 1896-98; High School Life Diploma, Utah State Board of Education, 1898; Student in University of Chicago, summers of 1898, 1901; M. A., Illinois Wesleyan University, 1902; Present position since 1898.

202 North First East.

MOSIAH HALL, B. S., D. B., Ph. M.,

Professor of Education and Philosophy.

Graduate of the Normal Course, University of Utah, 1880; Student in the University of Utah, 1880-82; Teacher in the High School, Ogden, 1884-1888; Superintendent Weber County Schools, 1893-1898; Student University of Utah, summers of 1895-96-97; High School Life Diploma, State Board of Education, Utah, 1896; B. D. Church Board of Education, 1899; B. S. Brigham Young College, 1899; Ph. M., University Chicago, 1901; Present position since 1898.

165 West Third South.

HERSCHEL BULLEN, Jr.,

REGISTRAR.

Professor of Bookkeeping and Commercial Law.

Graduate Normal Department, University of Utah, 1890; Teacher in Public Schools, Cache County, 1891-92; On mission to England, 1894-1896; Special Student, Metropolitan Business College, Chicago, and Rochester Business Institute, Rochester, New York, summer 1901; President Board of Education Logan City; Present position since 1897.

192 East First North.

WILLIAM HENRY CHAMBERLIN, D. B., A. B.,

Professor of Theology.

A. B. University of Utah, 1896; D. B., Church Board of Education, 1896; Professor of Natural Sciences, Latter-day Saints' College, 1891-1897; Mission to Tahiti, 1897-1900; Assistant Professor of Geology and Mineralogy, Brigham Young College, 1900-1902; Student in the University of Chicago, 1901-1902, 1903; Present position, 1903.

139 South First West.

ALFRED JOSEPH RIDGES, Jr., B. S.,*

Professor of Chemistry.

Graduate Utah State Normal School, 1893; Principal Public Schools, 1883-87; Student University of Utah, 1897-99; Principal Heber City High School, 1899-1900; B. S., with Advanced Normal Diploma, University of Utah, 1901; Present position since 1900.

CHARLES HENRY SKIDMORE, B. L., M. A.,

Professor of Mathematics.

Graduate of the Brigham Young College Normal Department, 1893; Teacher in Public Schools, Cache County, 1893-95 and 1897-99; On mission to England, 1895-1897; B. L., Brigham Young College, 1901; Student in the University of Chicago, the school year and the summers of 1901 and 1902; Assistant Professor of Theology, Brigham Young College, 1902-3; M. A., Illinois Wesleyan Universtiy, 1903; Present position, 1903.

39 East Second South.

ALMA BROCKERMAN WRIGHT,

Assistant Professor of Art.

Instructor in Art, L. D. S. College, 1898; Instructor in Art, Brigham Young College, 1899-1902; Student in Paris, 1902-1904; Present position, 1904.

ALMEDA PERRY, B. S.,*

Assistant Professor of Elocution and Physical Culture.

B. S., Agricultural College of Utah, 1901; Student in the University of Chicago, summer of 1901; Present position since 1901.

* On leave of absence.

WILLIAM OLIVER ROBINSON,

Assistant Professor of Vocal Music.

Student under Professors Stephens, Goddard, and McClellan, 1901; Student in Conservatory of Music, Chicago, summers of 1902-03; Instructor in the Brigham Young College, 1902-04; Present position, 1904.

137 West Fifth South.

ROSE HOMER, B. S.,

Assistant Professor of Domestic Arts.

B. S., Agricultural College of Utah, 1900; Instructor in the Oneida Stake Academy, 1901-2; Instructor in Domestic Arts, Brigham Young College, 1902-04; Present position, 1904.

115 East Third North.

AMOS NEWLOVE MERRILL, B. S.,

Assistant Professor of Agriculture.

B. S., Agricultural College of Utah, 1896; Student of Agricultural College of Utah, 1896-97; Mission to England, 1897-1900; Instructor Brigham Young College, 1902-04; Student Deseret Summer Institute, 1904; Present position, 1904.

473 West First South.

GWENNIE HUBBARD,

Assistant Professor of Domestic Arts.

Graduate of the Brigham Young College, 1897; Student in Pratt Institute and in Columbia University, 1901-03; Instructor in Domestic Arts, Brigham Young College, 1903-04; Present position, 1904.

WALTER M. WOLFE, D. B., A. B.,

Assistant Professor of Geology and Mineralogy.

A. B., Williams College; Professor in the Brigham Young Academy, 1892-1903; Biologist, Exploring Expedition to Mexico, Central America, and South America, 1900-01; Mission to England, 1903-04; Present position, 1904.

ALBERT ERNEST BOWEN, A. B.,

Assistant Professor of the English Language and Literature.

A. B., Brigham Young College, 1902; Instructor in the Brigham Young College, 1898-1902; Mission to Switzerland and Germany, 1902-04; Present position, 1904.

ANDREW JENSEN,

Principal Normal Training-School

Teacher in Public Schools of Sanpete and Emery Counties, 1895-1897; Graduate of Snow Academy, 1898; President of Northern Indiana Conference, 1899-1900; Present position, 1902.

CHARLES M. HARRIS,

Instructor in Violin; Ensemble Playing.

Student in Chicago Music College under Professor E. S. Jacobssen, 1893; Student in the Stern Conservatory of Music, Berlin, and also private student under Immanuel Worth, 1894-97; Present position since 1898.

63 West Third South.

WILLIAM WILLIAMS HENDERSON, A. B.,*

Instructor in Zoology and Botany.

Student in Preston Academy, 1895-96; Graduate from the Normal Course, Brigham Young College, 1900, and student, 1900-1903; Assistant in Biology, 1900-01; A. B., Brigham Young College, 1903; Present position since 1901.

JOHN HENRY KEMP, A. B.,

DIRECTOR OF GYMNASIUM.

Instructor in Chemistry.

Graduate of the Normal Department of the Brigham Young College, 1900; Student of the College, 1900-1903; A. B., Brigham Young College, 1904; Student in the University of Chicago, summer of 1904; Instructor in the Brigham Young College, 1903-04; Present position, 1904.

141 West Fifth South.

MME. EVANGELINE GLARDON,

Instructor in French and German.

Student in St. Janier, Jura, for eight years, and later a student of Lausanne University; Instructor in High School and College Galliard; Private tutor to foreign University students; Present position since 1902.

61 East First North.

ELIZABETH MARGARETTE JONES,

Critic Teacher and Instructor in Normal Training-School.

Graduate of the Normal Department of the Brigham Young College, 1902; Teacher in Public Schools, Montpelier, Idaho, 1902-03; Student in the University of Chicago, summer of 1904; Present position, 1903.

LILLIAN OLIVER,

Instructor in Piano.

Student in London two years under Wood, in harmony, and under Oscar Berenger (student of Liszt) on piano; Present position since 1902.

ALLIE MARTINEAU,

Librarian.

Student Brigham Young College, 1899-1901; University of Utah, 1901-02; Present position since 1902.

HENRY HOOPER BLOOD,

Instructor in Missionary Department and in Bookkeeping.

Student in the Brigham Young Academy, 1894-5; Treasurer Davis County, 1898-1902; Mission to England, 1902-1904.

362 West First South.

PETER POWELL PETERSON,

Instructor in Mathematics and Physics.

Student in the Weber Stake Academy, 1893-95; in the Brigham Young Academy, 1895-97, also 1900-01; in the Leland Stanford University, 1901-02, 1903-04; and in the University of California, summor of 1903; Principal Oneida Stake Academy, 1902-03; Present position, 1904.

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* On leave of absence.

MARIAN HENDRICKS.

Critic Teacher and Instructor in Normal Training-School.

Graduate of the Normal Department of the Brigham Young College, 1903; Teacher in the Public Schools, Logan City, 1903-04; Student in the University of Chicago, summer of 1904; Present position, 1904.

MAUD ROSAMOND SNOW,

Instructor in English.

Graduate of the Normal Department of the University of Utah, 1901; Teacher in the Public Schools, 1901-04; Student of the University of Utah, summer of 1904; Present position, 1904.

MARY SELINA MORRELL,

Instructor in Domestic Arts.

Graduate of High School Domestic Course, Agricultural College; Student in Agricultural College, 1901-04; Instructor in the Agricultural College, 1901-04; Present position, 1904.

HENRY JOHN NELSON,

Instructor in Stenography, Typewriting and Penmanship.

Student in the Latter-day Saints' Business College, 1901-04; Present position, 1904.

JULIA NIBLEY,

Instructor in Domestic Arts.

Student Brigham Young College, 1902-04; Assistant in the Brigham Young College, 1903-04; Present position, 1904.

ZINA YOUNG CARD,

MATRON.

Instructor in Theology.

Student Brigham Young Academy, 1878-79; Instructor Brigham Young Academy, 1879-1884.

302 West Center.

JAMES WESLEY LINFORD, B.S.,

Instructor in Carpentry.

B. S. in Mechanic Arts, Agricultural College of Utah, 1900; Mission to New Zealand, 1901-04; Present position, 1904.

MYRTLE QUINNEY,

SECRETARY OF THE FACULTY.

Private Secretary to the President.

THOMAS H. PORTER,

ELECTRICIAN.

Instructor in Carpentry.

ANDREW JOHANSEN,

Instructor in Forge Work.

GEORGE NATHANIEL CURTIS,
Instructor and Accompanist on the Piano.

FRANK E. PLOWMAN,
Instructor on the Banjo, Guitar, and Mandolin.

LALENE HENDRICKS,
Instructor in Domestic Arts.

DAVID S. SMITH,
LEADER OF COLLEGE ORCHESTRA.
Instructor in Violin.

I. B. HOLDMAN,
Custodian.

STANDING COMMITTEES OF THE FACULTY.

The President is a member of all committees.

Scholarship and Graduation.—J. F. Miller, W. H. Chamberlin, C. H. Skidmore.

Examinations and Registration.—Mosiah Hall, H. Bullen, Jr., Walter M. Wolfe.

Domestic Organization.—W. H. Chamberlin, A. N. Merrill, J. H. Kemp, P. P. Peterson, Gwennie Hubbard, Zina Y. Card, Evangeline Glardon, Mamie Morrell.

Amusements.—A. E. Bowen, W. O. Robinson, Rose Homer Henry H. Blood, A. B. Wright, Maud Snow.

Athletics.—H. Bullen, Jr., J. H. Kemp; H. J. Nelson, Hon. F. K. Nebeker, Alumni Representative.

Library.—J. F. Miller, Weston Vernon, Mosiah Hall.

College Publications.—Weston Vernon, A. E. Bowen, Henry H. Blood.

College Societies.—Charles H. Skidmore, Amos Merrill, Gwennie Hubbard.

Public Lectures.—Walter M. Wolfe, Rose Homer, P. P. Peterson.

BRIGHAM YOUNG COLLEGE.

GENERAL INFORMATION.

HISTORY.

On the 24th day of July, 1877, about a month prior to his death, President Brigham Young conveyed to a board of seven Trustees, 9,642 acres of land, located south of Logan City, the profits and issues of which were to be used for the support of an institution of learning to be known as the Brigham Young College. The deed of trust provides that the Gospel of Jesus Christ shall be the basis of College discipline, and that, in addition to the work usually provided for in the curricula of higher institutions, instruction shall be given the students in the important duties of their various church callings.

On August 7, 1877, the Board of Trustees held its first meeting, and began the work of organizing the College in accordance with the requirements of the deed of trust. Owing, however, to the immature condition of its finances, the College was not opened for the admission of students until September 9, 1878. The endowment could not be made to yield a revenue sufficient to bring the institution immediately to a high standard. The purchase and construction of suitable buildings and the provision of necessary apparatus entailed expenses which anticipated the rent of the land for several years, and thereby reduced the means of meeting the ordinary expenses of maintenance. It has progressed, however, by healthy and steady growth until the present time.

Each year has marked an improvement in its facilities and an increase in its strength.

The College was first opened in rented rooms of the Logan City Hall, under the principalship of Miss Ida Ione Cook. In the fall of 1882, the College site was purchased. It comprised about seven acres, on which were located several buildings that could be utilized for school purposes. Upon this site in 1883-84 was erected the East Building, which, in addition to class rooms, contained dormitories and other accommodations suitable for a boarding-school.

In July, 1884, Miss Cook resigned and was succeeded by Judge James Z. Stewart, who from 1881 to 1883 had been connected with the institution as instructor. During his presidency, the faculty was increased and the courses of instruction were extended. With his resignation, in the spring of 1888, the idea of making the College a boarding-school was abandoned.

In May, 1888, President Stewart was succeded by Professor Joseph M. Tanner, during whose administration the faculty was further increased, a chemical and physical laboratory was equipped, and additional courses were offered.

In 1888 the church system of education was established by the Church of Jesus Christ of Latter-day Saints, and the Brigham Young College was placed under the general supervision of the Church Board of Education.

In May, 1891, upon the resignation of Dr. Tanner, Professor Joshua H. Paul became president. During the time of his presidency, the first story of the Laboratory Building was finished, thereby providing rooms for the chemical and physical laboratory, and the work of the Preparatory School. Additional instructors were employed, more advanced work was offered, and a College course was established, leading to the degree of Bachelor of Science.

In May, 1894, President Paul resigned, and was succeeded by Professor W. J. Kerr. At a meeting held in June of that year, the Board of Trustees more fully organized the College and increased its courses of instruction. The entrance requirements were increased; the Academic and Normal courses were extended from two to three years, each leading to a certificate; and a College Course in Letters was established, extending through four years and leading to a degree. A large room was fitted up for a museum, the library was moved to one of the largest and most pleasant rooms in the East Building, and other changes were made which added greatly to the facilities of the institution for advanced work.

During the year 1894-95 the College was the recipient of large contributions to the library, including encyclopedias, dictionaries, and scientific, historical, philosophical, and statistical works, presented by the authorities of the Church, the College trustees and the faculty, and other prominent citizens. The Mutual Improvement Associations of Cache County contributed a collection of about two hundred historical and miscellaneous works. In February, 1895, the Trustees opened to the public, the Brigham Young College Free Library and Reading Room.

In 1896 the Normal course was extended to four years; and in 1898 the Academic course, also, was extended to four years.

In April, 1897, the people of Cache County came to the aid of the Trustees and proposed to raise sufficient means by popular subscription for the erection of the new building. On May 3, 1897, the work of construction was begun, and on December 23, 1898, the building was dedicated.

In May, 1898, the Course in Letters was changed to that of Arts. In June, 1899, a Normal School was established. In the same month a tract of land comprising about fourteen acres, adjoining the original site on the south and west, was purchased for an athletic field.

On September 11, 1899, the College was incorporated under the laws of the State of Utah. In April, 1900, a College council was organized, consisting of the President, Professors, and Assistant Professors when in charge of departments.

In May, 1900, President Kerr resigned; and in the following July, Professor James H. Linford was chosen as his successor. Later in this same year the Business and Preparatory courses were established, and early in the year following, the College authorities decided to offer a course in Domestic Arts.

In the Spring of 1902, President Joseph Morrell donated $1,000 toward equipping a laboratory of Mechanic Arts This generous gift was gratefully accepted, and a four-year course in Mechanic Arts was at once established, thus carrying out the original intent of the founder, President Brigham Young.

In April of 1903, the Trustees, in answer to a further demand for practical work, established a course in Civil Engineering.At the same meeting it was explained that because of the crowded condition of the College, negotiations had been carried on looking to the use of the Tithing Office building for the Training-School, in order to make room in the East Building for the Departments of Bookkeeping, Cooking, and Sewing. The Church Authorities had generously tendered the use of the former building, and it was gratefully accepted. Before the close of the year the Training-School moved into its new quarters.

In the fall of 1903. the Board of Trustees purchased the lot immediately west of the West Building, thus extending the College grounds in that direction to Second West Street. The two-story brick building on these premises has been remodeled, and will be used hereafter by the Department of Music.

In the spring of 1904, in order to carry out still further the wishes of the Founder, a four-year course in Agriculture was established, and it was also decided at the same time to introduce forge work, beginning with the ensuing year, 1904-05. In order to do this, additional shops, with the necessary equipments, have been provided.

GENERAL POLICY.

The special aim of the College is to make of its students sincere Latter-day Saints—men and women who will be useful not only in the missionary field, but also in the many home organizations for the education of the young. It seeks also to promote the higher educational interests of the people, broadly and generously interpreted. It is its aim to provide a liberal and thorough education, embracing not only mental discipline and physical training, but moral and spiritual culture as an essential part of the development of a symmetrical character.

In order to furnish the discipline and the knowledge necessary to the successful prosecution of advanced work, nearly all the studies of the regular courses in the earlier years are prescribed. But when the powers of the students are developed by the required work, the principle of election is introduced; and during the later years, students are permitted to select the subjects in which they are most interested. Opportunity is thereby given for the encouragement of individual adaptation and for a more special preparation for the various vocations of life.

In addition to the prescribed theological work, students are expected to attend devotional exercises; and all who are not residents of Logan are expected to attend the College Sunday School.

The use of strong drinks and tobacco is forbidden.

A domestic committee assists the President in looking after the home life of the students. As a further aid in this direction, the students of the different stakes of Zion in attendance at the College form stake organizations, over which three students, selected by the various Presidents of Stakes, preside. These students, acting in connection with a member of the Domestic Committee, keep in touch with all the students coming from their several stakes and report bimonthly to the Domestic Committee the condition of each one in attendance.

LOCATION.

The College is situated in one of the most desirable parts of Logan City, the county seat of Cache County. The city is supplied with electric lights, and has connection by telephone with surrounding towns. It is beautifully located and remarkably healthful. The streets are broad and well drained, and on each side of them is a clear stream of pure, mountain water, bordered with shade trees. With a population of about six thousand people, Logan combines the activity and good order of a small city, with the freedom and sociability of quiet village life—conditions highly favorable not only to study, but to social and general culture.

Residence in Logan offers many advantages to students. Every year there are opportunities to attend lectures, concerts, and other entertainments of a high order.

BUILDINGS AND GROUNDS.

The College occupies a campus of about twenty-three acres, situated near the center of the city, on the north fork of Logan River. The lower campus, a level area across the river from the College buildings, furnishes space for athletic sports, an aquarium, and horticultural gardens. The College buildings comprise the East Building, the West Building, the Laboratory Building, and the President's Residence. The East Building is constructed of brick and stone. It is seventy feet front by thirty-six feet wide, and four stories in height. This building contains the library and reading room, the general museum, business department, kitchen and dining-room, and also the sewing and dress-making rooms. The West Building is one hundred and eighty-eight feet long by eighty-six feet wide, and three stories in height. It contains the general assembly hall, with a seating capacity of about eight hundred; five offices; fifteen class rooms; the physical and biological laboratories; and the gymnasium, including bath and dressing rooms. The Laboratory Building is fifty feet long by thirty-eight feet wide, and two stories in height. It contains the chemical laboratory, and the carpenter and machine shops. The Training-School Building, located at 27 East, First North Street, is a substantial brick structure two stories high, and contains eight class rooms and a large basement. These buildings are well lighted and ventilated, and are provided with steam heat, water, and electric lights.

The College Campus, on one side, is but one block from paved sidewalks and the busy part of the city; while at the same distance in another direction, are rich farms and meadows. A branch of the Logan River flows through the grounds, separating the upper from the lower campus. These natural advantages, together with the well-kept lawns and flower beds, give to the surroundings of the College an unrivaled beauty.

MUSEUM.

The College Museum occupies the large north room on the top floor of the East Building. Each year the Museum is enlarged by contributions from the friends of the College, including many missionaries who are laboring in different countries. The Museum is supplied with specimens illustrative of general geology, mineralogy, lithology, paleontology, metallurgy, botany, zoology, and archaeology. There are eight hundred specimens of native plants, four hundred specimens of the flora of New York state, and five hundred specimens of the flora of West Virginia, North Carolina, and Indiana; a large collection of Irish ferns and mosses; a collection of Tasmania ferns; one case of native woods, and one case of specimens from the forests of Alabama and Tennessee; three large cases of Utah minerals and specimens illustrating the milling and smelting operations of Utah metallurgical establishments; one case of fossils, minerals, and curios; one case of coins and aboriginal relics; two large cases of shells, corals, aboriginal relics and specimens illustrative if life in the Sandwich and South Sea Islands, contributed by Mr. and Mrs. B. Morris Young; one case of birds and amphibians; one case of skeletons; and some miscellaneous materials.

Contributions of fossils, ores, animals, relics, and other material of value to the Museum, are solicited from all persons who are interested in the work. All collections sent in this way will be carefully labeled and preserved, and the name of the donor will be kept on record. Express or freight charges on such gifts will be paid by the College.

APPARATUS.

The College is equipped with apparatus for illustrating the courses in natural and physical science. Among the most important items are working models of the elementary and compound machines; apparatus for illustrating gravitation and falling bodies, and hydrostatics; specific gravity balances; scales; Boyle's Law apparatus; Wheatstone's bridge; standard motor; an atwood machine with aluminum friction wheels and electric pendulum; lever apparatus; Paschal's vase; Ampere's apparatus; compasses; monometric flame apparatus; a sonometer; a baroscope; a barometer; thermometers; center of gravity illustrations; Nicholson's and Beaume's hydrometers; a lever air pump and accessories for illustrations in pneumatics, electric machines, galvanic batteries, an induction coil, conduction apparatus, Daniell's cell, a galvanometer, magnetoscope, resistance box, Geissler's tubes, etc.; Becker's analytical balance and weights; photographic camera and accessories; stereopticon; nine compound microscopes for use in biological work; chemicals, chemical glassware, and re-agents for experiments in general chemistry, and facilities for work in blowpipe and wet analysis, a furnace and accessories for the study of assaying; sterilizers, incubators, and other apparatus for bacteriological work; a twenty-five horse-power engine; and a dynamo capable of generating 250 16-candle-power lights.

For work in surveying, there is an engineer's transit with solar attachment, leveling rods, chains, and all accessories.

In August, 1902, Professor Chamberlin presented to the College a three and one-half inch telescope with the latest improvements.

LIBRARY AND READING ROOM.

The Library occupies the north room on the second floor of the East Building. This room is furnished with reading-slopes for current papers and magazines, and with reading-tables sufficient to accommodate one hundred and twenty readers. It is well lighted and ventilated, is supplied with steam heat and electric lights, and during the school year, is open to the public as a reading-room. It is supplied with the current periodicals of Utah, and with the most important newspapers and magazines of the United States. The principal dictionaries and encyclopedias, including the Encyclopædia Brittanica, Chambers' Encyclopædia, American Encyclopædia, Century Dictionary, and other works of reference, occupy shelves in the reading-room, within easy access of the readers.

The Library at present contains 4,100 bound volumes and 1,500 pamphlets, and additions are made from time to time to meet the requirements of students in the several departments. Professor J. F. Miller's valuable collection on history and political science is placed in the College, and students also have the use of the President's private library.

COLLEGE SOCIETIES.

In order to afford opportunity for acquiring general information and obtaining practice in public speaking and parliamentary procedure, the students of the College maintain the Webster and Phi Polo, Usona, and Philomathic Societies. Of these the Webster and Phi Polo are conducted exclusively by men, and the Usona by women, while the Philomathic is open to all students of the College.

PUBLIC LECTURES.

Under arrangements made by a committee of the faculty, a series of popular lectures is given by the best speakers that can be secured. Besides other noted lecturers on various topics, Professor Clark of the University of Chicago, during the past two years has given two courses of lectures and dramatic recitals.

SUNDAY NORMAL SCHOOL.

The College Sunday School has been organized to meet the needs of the students who do not live in Logan, and further to train young men and young women for active work in the various ward organizations. The great need of the Church is trained teachers. This school seeks to give young men and young women a better praparation for this work. Normal classes are organized in Sunday School, Young Men's Mutual Improvement Association, Young Ladies' Mutual Improvement Association, Religion Class, and Primary methods. These classes are conducted by teachers of experience in the various organizations. The good effects of this teaching are to be seen in all the Sunday Schools where students who have had this training are to be found.

STUDENTS' EXPENSES.

Tuition is free. All students except missionaries pay an annual entrance fee of $10, and all pay an annual library and gymnasium fee of $1. Alumni are permitted to do special work upon payment of such proportion of the entrance fee as the number of hours taken is to a year's requirements in the Arts Course. Others who desire to take a single subject will be permitted to do so on payment of $5 in addition to the library and gymnasium fee. Persons not registered as regular students in the College will be charged $1 a month for the privilege of taking physical culture. Under no circumstances will any part of these fees be refunded.

Students taking laboratory work in chemistry, physics, or biology will be charged an incidental fee to cover the cost of materials used. The amount of this fee is announced with the description of courses and must be paid in advance. No student will be permitted to do work in the laboratories before presenting the treasurer's receipts to instructor in charge. Arrangements for elective work in music and art are made with the instructors in those departments.

The fee charged for a special certificate is $3; for a certificate of graduation in the high school courses, $5; for a degree, $10. These fees must in all cases be paid before the certificates or degrees are conferred. All the students of the College are held responsible for any injury done by them to its property.

The cost of living in Logan is much lower than in the larger cities of the State. Good rooms and board, in private houses, can be obtained at from $2.50 to $3.75 per week. By renting rooms and boarding themselves, students are able to reduce their expenses to less than $2 a week for room and board. Rooms can be rented from $1.50 to $3 a month.

COLLEGE COURSES.

ADMISSION AND GRADUATION.

The following is a condensed statement of requirements for admission to the College courses. More specific information can be had by referring to the description of courses.

REQUIRED SUBJECTS:

Algebra I,
Plane Geometry,
Grammar and Classics,
Rhetoric I,
Physics a,
English Literature,
American History,
Civil Government,
Three years of Language.

ELECTIVES:

Theology a, b, c,
Solid Geometry,
Algebra II,
Trignometry,
Elementary Astronomy,
Elementary Botany,
General History,
Physiology a,
Physiography a,
Elementary Zoology,
Theory of Teaching,
History of the Orient and Greece,
Roman History,
European History,
Greek,
Latin,
German,
French,

Students preparing to enter either of the College courses will elect 36 hours from the subjects named in this group.

REGISTRATION.

Students register at the beginning of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the Council. No changes in registration will be allowed except by permission of the Faculty.

Students will not be allowed to register for more than seventeen hours of recitations or lectures a week without special permission of the Council; and no student who has failed or is conditioned in any subject in the year immediately preceding, will be allowed to register for more than fourteen hours, except by permission of the Council. Every hour for which credit is given represents approximately, for the average student, three hours and a half of actual work a week through one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours and a half for preparation or subsequent reading or study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week through one term are required for each hour that counts towards graduation.

CLASSIFICATION.

Students are classed according to the year in which the major part of the work is taken.

Persons of mature years, who, for reasons satisfactory to the Council, desire to pursue work in some particular department, may be admitted, provided they give evidence of ability to do creditably the work desired. Those who are allowed to enter under this provision are listed as *special* students. A student who wishes to do work in more than one department, may, when circumstances justify it, depart from the prescribed work of any particular course; but if the major part of his work does not comply with the requirements of any year of any course he will be listed as *optional.* Special and optional students will not be graduated from any course until they have complied with all requirements for graduation from that course.

GRADUATION.

The degree of Bachelor of Arts is conferred on the completion of the Arts Course, and the degree of Bachelor of Science on the completion of the course in Civil Engineering. These courses extend through four years, and no student will be recommended for a degree until he has completed work which, including all the required work of his course, shall amount to fifteen hours of recitation or lectures a week during the four years, or a total of one hundred and twenty hours. No one will be graduated from these courses who has not completed twenty-four hours of theological work, nor will any one be graduated who has not been a resident student of the College for at least one year.

The standing of students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D;* and in order to graduate in any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

A special Teacher's Diploma is given to a student at the time of receiving his Bachelor's degree, provided he has completed all the courses in Science and Art of Teaching, and courses 1, 2, and 3, in Philosophy.

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*90 to 100, A; 80 to 98, B; 70 to 79, C; 60 to 69, D; 46 to 59, E (conditioned); below 46, F (failure).

COURSES OF STUDY.

The following advanced courses of study are offered:

1. Course in Arts, four years.
2. Course in Civil Engineering, four years.

The *Course in Arts* corresponds to the usual course of the leading American colleges and universities, and leads to the baccalaureate degree A. B. This course is designed to furnish a liberal and thorough education, embracing the broad field of general science, mathematics, history, language, and literature. Most of the work of this course is elective, and students are encouraged to pursue the lines in which they manifest the greatest aptitude.

The *Civil Engineering Course* corresponds to the usual civil engineering courses of the various colleges and universities throughout the country, and leads to the baccalaureate degree B. S. It is intended to meet the demand for a practical, as well as a theoretical, scientific course. Besides furnishing a general education, it offers special training in engineering, mathematics, physics and mechanics.

COURSE IN ARTS.

LEADING TO THE DEGREE BACHELOR OF ARTS.

FRESHMAN YEAR.	First Term.		Second Term.
Church History and Doc.	3		3
Rhetoric II	2		2
Mathematics I	3		3
Language	4		4
Elective	4	Rhetoric II	4
	16		16

The work of the sophomore, junior, and senior years is elective, subject to the approval of the College Council.

To be graduated from this course a student must obtain one hundred and twenty credits. Forty credits of language work, including that offered at entrance, are required, no credit for a language being allowed unless two years of work in that language have been completed.

CIVIL ENGINEERING COURSE.

LEADING TO THE DEGREE BACHELOR OF SCIENCE.

Freshman Year.	First Term.		Second Term.
Church History and Doc.	3		3
Mathematics 1	3		3
Mechanical Drawing	2		2
Chemistry 1, 2	5		5
Elective	4	Rhetoric II	4
	17		17

Sophomore Year.	First Term.		Second Term.
Geology 2	3		3
Mathematics 2, 3	5		5
Surveying	3		3
Physics II	3		3
Descriptive Geometry	2		2
	16		16

Junior Year.	First Term.		Second Term.
Mathematics 9	3		3
Railroad Engineering	3	Geodetic Engineering	3
Irrigation	3		3
Elective	6		6
	15		15

Senior Year.	First Term.		Second Term.
Analytic Mechanics	4		4
Sanitary Engineering	2	Hydraulic Engineering	2
Highway Construction	3	Masonry Structures	3
Elective	6		6
	15		15

COURSES OF INSTRUCTION.

Any of the elective courses not desired at the beginning of the term by at least three students, properly prepared, may not be given.

The more advanced elective courses are not all given each year, but vary from year to year to suit the convenience of students; they are so arranged that a student may receive continued and systematic work until all the subjects announced are completed.

THEOLOGY.

PROFESSOR CHAMBERLIN.

1. **HEBREW LANGUAGE;** three hours a week throughout the year. An inductive study of the etymology of the language in connection with the reading of the first eight chapters of *Genesis*. Translation of portions of the book of Samuel.

2. **ADVANCED HEBREW;** sequence of course 1; three hours a week throughout the year. Hebrew syntax is studied in connection with the reading of Deuteronomy and portions of the prophets.

3. **OLD TESTAMENT;** required of all third-year students, elective to others; three hours a week throughout the year. This course is primarily an outline of Old Testament history and includes a thorough study of the religious and moral conceptions of the Chosen People, together with careful consideration of their wisdom literature and prophetic writings. The period from the close of the Old Testament

Canon to the birth of Christ is also considered. The *Old Testament* is used as the text, supplemented by Smith's *Old Testament History, The Prophets of Israel, Josephus,* and library references. Professor Chamberlin, Professor Hall.

4. **HEBREW HISTORY;** four hours a week during the first semester. From the Exodus out of Egypt to the time of Alexander. The religious development of the people during the period is carefully considered.

5. **THE HEBREW PROPHETS;** sequence of course 4; four hours a week during the second semester. In studying the work and writings of each of the prophets, particular attention is paid to his part in the revelation of the character of God and in the development of the religion of Israel.

6. **NEW TESTAMENT GREEK;** four hours a week throughout the year. During the first semester the work is the same as course 1 in Greek; in the second semester one of the gospels is carefully read in connection with the study of the grammar.

7. **NEW TESTAMENT GREEK;** sequence of course 6; two hours a week throughout the year. The epistles of Paul are read, and a careful study is made of the mood and tense of the verb.

8. **LIFE OF PAUL;** two hours a week throughout the year. Course 6 not a prerequisite.

9. **LIFE OF CHRIST;** three hours a week during the first semester. A thorough study of the life of our Lord preceded by a brief study of New Testament times and of the origin of the gospels.

10. **THE TEACHINGS OF CHRIST;** sequence of course 9; three hours a week during the second semester. In connection with the study of the social and religious teachings

of Jesus, a special study of his parables is made.

11. **ECCLESIASTICAL HISTORY;** three hours a week throughout the year. This course begins with the establishment of the Church of Jesus Christ; briefly reviews the Apostolic Age; and deals with the rise and development of the Roman Catholic Church, the doctrines and history of the prominent heretic sects, the Reformation, and the rise and religious views of the leading Protestant denominations. Professor Miller.

12. **CHURCH HISTORY AND DOCTRINE;** required of freshmen students; three hours a week throughout the year. This course deals with the history of the Church during the life of the Prophet Joseph Smith; and includes a systematic study of the doctrines, ordinances, and organization of the Church. Professor Miller.

13. **CHURCH HISTORY;** sequence of course 11; two hours a week throughout the year. A course of lectures and readings on the history of the Church from its organization to the present time.

14. **BOOK OF MORMON;** an advanced course. This course will not be given in 1904-1905.

15. **PHILOSOPHY OF FAITH;** open to those having the requisite preparation; four hours a week throughout the year. Self-revelation of God to Israel; His existence and character as seen in history and nature; man's relationship to God; faith in God and repentance of sin as factors in man's development.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR VERNON.
ASSISTANT PROFESSOR BOWEN.
ASSISTANT PROFESSOR PERRY.
INSTRUCTOR SNOW.

1. **RHETORIC II**; required in the freshman year and for graduation in all high school courses; four hours a week during the second term. This is a continuation of course e, including a more detailed study of the chief varieties of composition—description, narration, exposition, and argumentation, with written exercises in each. Professor Vernon.

2. **ELOCUTION II**; elective to those who have completed Elocution I; three hours a week throughout the year. This course includes an interpretative study of one drama, and one other English or American masterpiece. Some attention is also given to reading and declaiming from the platform.

3. **HISTORY OF THE ENGLISH LANGUAGE**; elective to those who have completed course 1; three hours a week during one term. This course follows the general development of the language, taking note of the various modifying influences that have been in operation from the Roman Conquest of Britian down to the present time.

4. **OLD ENGLISH I**; elective to those who have completed course 1; three hours a week during one term. An elementary study of Anglo-Saxon grammar, together with readings from Anglo-Saxon prose and poetry. Cook's *First Book in Old English.*

5. **OLD ENGLISH** II; elective to those who have completed course 4; three hours a week during one term. This course comprises a general view of Anglo-Saxon literature together with a critical study of *Beowulf.*

6. **PUBLIC SPEAKING;** elective to college students; two hours a week throughout the year. The principles of vocal expression and their application to public speaking are carefully studied, with much practice given to extemporaneous speaking and to the delivery of orations and debates, the main purpose being to develop direct, earnest, and dignified address. Professor Hall.

7. **AMERICAN LITERATURE;** elective to those who have completed course e; three hours a week throughout the year. A general survey of poetry and prose, with lectures, criticisms, and assigned readings of American masterpieces.

8. **TENNYSON AND BROWNING;** elective to those who have completed course 1; two hours a week throughout the year. In this course only a few choice poems will be selected for minute study in class, but students will be expected to familiarize themselves with all the writings of these two poets.

9. **SHAKESPEARE;** elective to those who have completed course 1; two hours a week throughout the year. This course consists of the study and interpretation of representative plays, supplemented by the reading of selected criticisms.

10. **THE NOVEL;** an elective course to those who have completed course 1; four hours a week throughout the year. The novel is considered historically as regards its origin and growth, philosophically as regards its structure and relationship to other forms of literary art. Masterpieces representing the various stages in the growth of fiction are studied and discussed.

11. **THE SHORT STORY;** elective to those who have completed course 1. This course comprises a study of the

short story masterpieces in all literatures, with special reference to artistic qualities; and is so planned that either two or three hours of credit may be given. Those working for the higher credit will be required to write several short stories. Professor Vernon.

12. **THE DRAMA;** elective to those who have completed course I; three hours a week throughout the year. Representative ancient and modern plays are studied, with special attention paid to technique.

13. **LITERARY CRITICISM;** elective to those who have completed courses I and f; three hours a week throughout the year. This course comprises a study of the history of literary criticism from Aristotle to the present time, together with the study of underlying principles and an application of them to several typical literary forms.

14. **LITERATURE IN ENGLISH;** elective to those who have completed Rhetoric II and one other course in this department; to others only by permission; three hours a week throughout the year. In this course masterpieces are selected from foreign languages and studied in English translations. During the year 1904-05, Greek and Latin literature will receive special attention. Professor Vernon.

15. **EPIC POETRY;** elective to those who have completed course I; three hours a week throughout the year. The works of the great epic poets from Homer to Milton are studied and discussed.

16. **LITERARY FORMS;** elective to those who have completed course f; three hours a week throughout the year. In this course the various literary forms, both in prose and poetry, are considered with respect to their nature and beginings. Copious readings, illustrative of the forms studied are required.

17. PERIODS OF ENGLISH LITERATURE; elective to those who have completed course f; three hours a week throughout the year. In this course the history of English literature is divided into periods as follows:

Age of Chaucer, (1340-1400).
Age of Shakespeare, (1579-1632).
Age of Milton, (1632-1660).
Age of Dryden, (1660-1700).
Age of Pope, (1700-1744).
Age of Johnson, (1744-1798).
Age of Wordsworth, (1798-1830).
Age of Tennyson, (1830-1892).

One term is given to each period. It is possible, therefore, for students to elect this course year after year until all the work has been completed.

MODERN LANGUAGES.

INSTRUCTOR GLARDON.

FRENCH.

1. FIRST YEAR; four hours a week throughout the year. Fraeser and Squair's *Grammar;* Aldrich and Foster's *French Reader.*

2. SECOND YEAR; four hours a week throughout the year. Fraeser and Squair's *Grammar;* Colin's *Contes et Saynetes;* Georges Sand's *La Mare au Diable;* Sarcey's *Le Siege de Paris;* Dumas' *Les Trois Mousquetaires.*

3. THIRD YEAR; four hours a week throughout the year. Fraeser and Squair's *Grammar;* review and composition work; Hugo's *Les Miserables;* Corneille's *Horace;* Moliere's *L'Avare;* Lamartine's *Graciella.*

GERMAN.

1. **FIRST YEAR;** four hours a week throughout the year. Spanhoofd's *Ein Lehrbuch der Deutschen Sprache;* Lange's *A Method for Beginners;* Gerstacker's *Germelshausen.*

2. **SECOND YEAR;** four hours a week throughout the year. Joynes-Meissner's *Grammar;* Storm's *Immensee;* Schucking's *Die Drie Freier;* Sshiller's *Der Neffe als Onkel;* Hauff's *Lichtenstein.*

3. **THIRD YEAR;** four hours a week throughout the year. Joynes-Meissner's *Grammar;* Schiller's *Die Yungfrau von Orleans;* Lessing's *Minna von Barnhelm;* Gœthe's *Hermann and Dorothea;* Heine's *Harzruse.*

ANCIENT LANGUAGES.

PROFESSOR CHAMBERLIN.

GREEK.

1. **FIRST YEAR;** four hours a week throughout the year. White's *First Greek Book* is used, and the first book of Xenophon's *Anabasis* is translated. Throughout this course, special attention is given to prose composition, rather as a means of fixing Greek forms in the mind than as an end to be attained.

2. **SECOND YEAR;** open to those who have completed course 1; four hours a week throughout the year. Xenophon's*Anabasis,* books II, and III, and Homer's *Iliad,* books I-VI, are translated.

3. THIRD YEAR; open to those who have completed course 2; four hours a week throughout the year. Homer's *Odyssey,* books I, II, and III; Xenophon's *Memorabilia;* selections from Herodotus and Thucydides.

4. FOURTH YEAR; open to all who are qualified; four hours a week throughout the year. Aeschylus' *Prometheus Bound;* Sophocles' *Antigone;* Euripides' *Alcestis;* Aristophanes' *Birds;* Plato's *Apology* and *Crito.*

LATIN.

1. FIRST YEAR; four hours a week throughout the year. The aim in this course is to have the student acquire a thorough mastery of the chief elements of Latin syntax, and a vocabulary sufficient to enable him to begin the reading of Cæsar. The first book of Cæsar is translated, special attention being given to Latin composition based on the text read.

2. SECOND YEAR; open to those who have completed course 1; four hours a week throughout the year. Three books of Cæsar's *Gallic Wars,* Cicero's *Orations Against Cataline,* and selections from Cornelius Nepos are translated. The more difficult parts of Latin syntax are carefully studied as they are met with in the text.

3. THIRD YEAR; open to those who have completed course 2; four hours a week throughout the year. Six books of Virgil's *Aeneid* are translated, with special attention given to prosody. Prose composition is also required.

4. FOURTH YEAR; open to all who are qualified; three hours a week throughout the year. Cicero's *De Amicitia; Odes* of Horace; Livy's *Roman History,* books XXI, XXII; Terence's *Andria.*

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

1. **POLITICAL ECONOMY;** required in the fourth year of the Agricultural and Business courses, open as an elective in others; three hours a week throughout the year. This course deals with the logic of economics and the laws governing the accumulation and distribution of wealth.

2. **GRECIAN HISTORY;** open as an elective; two hours a week throughout the year. This course is a study of the political and intellectual development of Greece, special attention being devoted to the Athenian and Spartan forms of government, and to the confederacies of Achaia and Aetolia.

3. **ROMAN HISTORY;** open as an elective; two hours a week throughout the year. This course is a study of the political development and territorial growth of Rome, and the leading economic problems and constitutional questions associated therewith. Attention is also directed to the influence which the political institutions and legal conceptions of Rome have exerted in modern times.

4. **THE MIDDLE AGES;** open as an elective; three hours a week throughout the year. The Holy Roman Empire; the Feudal System; the Crusades; the Papal Supremacy; the Monastic Systems; the Renaissance.

5. **THE FRENCH REVOLUTION, ITS CAUSES AND HISTORY;** open as an elective; three hours a week throughout the year. This course is introduced by a brief sketch of the Dutch, English, and American Revolutions.

6. **CONSTITUTIONAL AND POLITICAL HISTORY OF THE UNITED STATES;** open as an elective; four hours a week throughout the year. In this course special attention is

given to the various local systems of government, and the development, during the colonial and revolutionary periods, of the principles embodied in the Constitution.

7. **THE CIVIL WAR; RECONSTRUCTION; NATIONAL DEVELOPMENT;** open as an elective; four hours a week throughout the wear.

8. **HISTORY AND PHILOSOPHY OF THE STATE;** open as an elective; five hours a week throughout the year. This course deals with the nature and origin of the State; its organization and development, as exemplified in the histories of Greece, Rome, Modern Europe, and the United States.

9. **INTERNATIONAL LAW;** open as an elective; three hours a week throughout the year. Gourse 9 gives an outline of laws recognized in international affairs, with an historical treatment of their development and modifications.

EDUCATION.

PROFESSOR HALL.

1. **PEDAGOGY;** required of fourth-year Normal students; four hours a week throughout the year. This course deals with the application of the principles of teaching to the various school branches. Methods of teaching, school management, government, discipline, etc., are emphasized. McMurry's *Special Methods,* Scott's *Organic Education* and *Waymarks for Teachers,* are used as texts, supplemented by lectures and discussions. A review of Arithmetic and Grammar is given in this course.

2. **CHILD STUDY;** elective to students who have completed Psychology I; two hours a week throughout the year.

Chamberlin's *The Child,* and Oppenheim's *Development of the Child* are the texts used.

3. HISTORY OF EDUCATION; open as an elective to students who are prepared for the work; three hours a week throughout the year. This course treats thoroughly the history of ancient, mediæval, and modern education. Laurie's *Pre-Christian Education,* and Compayre's *History of Pedagogy* are the texts, which are supplemented by readings from Davidson's and other works and by lectures and discussions.

4. PHILOSOPHY OF EDUCATION; open as an elective to those who have completed course 3 in Education and course 1 in Philosophy; two hours a week throughout the year. Study and discussion of special topics in the philosophy of education, and of the great exponents of educational thought and practice. Rosenkranz's *Philosophy of Education* and Tompkin's *Philosophy of Teaching.* Lectures and class discussions, with supplementary readings.

5. EDUCATIONAL SYSTEMS; open as an elective to those who have taken course 2; two hours a week throughout the year. The comparative study of educational systems, domestic and foreign, the Reports of the Commissioner of Education; and suitable reports of the National Educational Association will be considered. Lectures and discussions.

PHILOSOPHY.

PROFESSOR HALL.

1. PSYCHOLOGY 1; required of third-year Normal students, open as an elective to others; three hours a week throughout the year. The aim of the course is to make the student familiar with the fundamental phenomena of mind, special attention being paid to the application of the principles of education. The physical basis of mind; importance and application of habit in education, knowing, feeling, and willing, are leading topics of the course.

Texts: Titchener's *Primer of Psychology,* and Stout's *Groundwork of Psychology,* or Gordy's *New Psychology.*

2. **PSYCHOLOGY II;** open as an elective to those who have completed course 1; three hours a week during the first term. Lectures, recitations, discussions, private reading, and theses. James's *Principles of Psychology,* Stout's *Manual of Psychology,* and other standard works.

3. **ETHICS;** a continuation of course 2; three hours a week during the second term. Introduction to the various schools of ethics; fundamental moral ideas and their order; the good, its definition and nature; subjective ethics; development in morals; moral responsibility; merit and demerit; ethics and religion; ethics of the individual; duties to self and their relation to the duties of others; ethics of the family; and ethics of society. Mackenzie's *Manual of Ethics,* and supplementary reading.

4. **LOGIC;** open to those who have completed course 2; three hours a week during the second term. Lectures and class discussions. Creighton's *Introductory Logic,* and Poland's *Laws of Thought.*

5. **SOCIOLOGY;** open as an elective to those who have completed Psychology I; three hours a week throughout the year. An elementary course designed to give students a foundation knowledge of the principles of social organization, and of the nature and laws of human society. The thoughts, purposes, and virtues of society, and the benefits it confers are carefully considered. Gidding's *Principles of Sociology,* and Mackenzie's *Introduction to Social Philosophy,* with supplementary readings.

7. KANT'S PHILOSOPHY; three hours a week during the first term. The *Critique of Pure Reason* is studied as a text, and portions of Kant's other works are read and discussed, the aim being to familiarize the student with Kant's problem and his method of solution.

8. SPENCER'S PHILOSOPHY; three hours a week during the second term. Spencer's *First Principles* and selections from his *Sociology* and other works are carefully considered. The aim is to understand the general nature of Spencer's philosophy, and the fundamental principles upon which it is based.

MATHEMATICS.

PROFESSOR SKIDMORE.
ASSISTANT PROFESSOR PERRY.
INSTRUCTOR PETERSON.

1. ALGEBRA III. TRIGONOMETRY; required of fourth-year students in the Classical and Scientific courses and of first-year students in College courses; three hours a week throughout the year. Prerequisite, Mathematics a, b, and c.

(a). Algebra. Among the subjects treated are the theory of elimination by determinants and an introduction to the study of the higher equations. Wells' *Advanced Course in Algebra.* First term.

(b). Trigonometry. Plane and spherical trigonometry, including a study of some of the more important applications. Phillips' and Strong's *Trigonometry with Tables.* Second term.

2. ANALYTIC GEOMETRY; required of students in the second year of the Civil Engineering Course; open as an elective to others; two hours a week throughout the year. An application of algebraic methods to geometry; plane curves; introduction to the analytical geometry of space. Based on Ashton's *Analytic Geometry.*

3. **DIFFERENTIAL AND INTEGRAL CALCULUS;** required of students in the second year of the Civil Engineering Course; elective to others; three hours a week throughout the year. An elementary treatment based on Osborne's *Differential and Integral Calculus.*

4. **ANALYTIC MECHANICS;** required of students in the fourth year of the Civil Engineering Course; elective to others; three hours a week throughout the year. The course is based on Bowser's *Analytic Mechanics.* Supplementary work in other texts.

5. **THEORY OF EQUATIONS INCLUDING DETERMINANTS;** elective; three hours a week throughout the year. Burnside and Panton's *Theory of Equations,* Vol. I and Vol. II, supplemented by lectures.

6. **ADVANCED ANALYTIC GEOMETRY;** elective; five hours a week during the first term. C. Smith's *Conic Sections.*

7. **SOLID ANALYTICAL GEOMETRY;** elective; five hours a week during second term. Sequel of course 6. C. Smith's *Solid Geomtery.*

8. **ADVANCED CALCULUS;** elective; five hours a week throughout the year. Byerly's *Differential Calculus and Integral Calculus.*

9. **DIFFERENTIAL EQUATIONS;** required of students in the third year of the Civil Engineering Course, elective to others; three hours a week throughout the year. An advanced course in Calculus, including parts of Murray's *Differential Equations.*

10. HISTORY AND PHILOSOPHY OF MATHEMATICS; elective; one hour a week throughout the year. Ball's *History of Mathematics;* Comte's and Bledsoe's *Philosophy of Mathematics.*

PHYSICS.

1. GENERAL PHYSICS; open as an elective to students who have completed Physics a, and Mathematics 2; four hours a week throughout the year. The aim in this course is to give as thorough a treatment of the subject as is usually given without the aid of the calculus. Carhart's *University Physics.* Professor Skidmore.

2. ADVANCED PHYSICS; open as an elective to those who have completed Physics 1, and Mathematics 3 and 4; three hours a week throughout the year. This course consists of a mathematical treatment of sound, light, and heat.

3. ELECTRICITY AND MAGNETISM; open to those who have completed Physics 1, and Mathematics 3 and 4; two hours a week throughout the year. J. J. Thompson's *Elements of the Mathematical Theory of Electricity and Magnetism.*

4. THE STEAM ENGINE; elective in the Junior and Senior years; two hours a week throughout the year. Elementary Physics a prerequisite. A theoretical and practical course which investigates the mechanism, construction, and operation of engines. It includes a study of details construction, erection, accessories, repairs, and inspection. A brief history of the development of the steam engine will also be given.

ASTRONOMY.

PROFESSOR SKIDMORE.

1. **DESCRIPTIVE ASTRONOMY;** open as an elective; three hours a week during the first term. Frequent use of the telescope adds greatly to the value of this interesting science. Todd's *New Astronomy,* with supplementary work.

2. **ADVANCED ASTRONOMY;** open as an elective; three hours a week throughout the year. A general consideration of the principles of mathematical Astronomy. Based on Young's *General Astronomy.*

CIVIL ENGINEERING.

1. **MECHANICAL DRAWING;** required of freshmen; two hours a week throughout the year. Use of instruments, solution of geometrical problems, inking, principles of projection, working drawings. Faunce's *Mechanical Drawing.* Lectures and Laboratory work. Professor Skidmore.

2. **DESCRIPTIVE GEOMETRY;** required of sophomores; two hours a week throughout the year. The course is adapted to students in civil engineering. Representation of lines, planes, surfaces, and solids, and of their relations; shades, shadows, and perspective; original problems. Reference books: Faunce's *Descriptive Geometry,* MacCord's *Descriptive Geometry,* and Hill's *Shades, shadows, and Perspective.*

3. **SURVEYING;** required of sophomores; three hours a week throughout the year. A practical course, based on Johnson's *Theory and Practice of Surveying,* and Hodgman's *Manual.* Professor Skidmore.

4. **RAILROAD ENGINEERING;** required in the junior year, three hours a week during the first term. The theory relating to railroad surveying, including reconnaissance, preliminary survey, location, determination of grades, cross-sectioning, map and profile, computations. Reference books: Searle's *Field Engineering,* Wellington's *Railway Locations,* and Tratman's *Track and Track Work.*

5. **GEODETIC ENGINEERING;** required in the junior year; three hours a week during the second term. Study of instruments and field methods used in geodetic surveying. Practice in the use of instruments of precision for the measurement of base-lines, angles, and differences of level. Text book: Merriman's *Geodetic Surveying.*

6. **SANITARY ENGINEERING;** required in the senior year; two hours a week during the first term. Conditions affecting water, water-pipe systems, filtration, utilization and disposal of sewage; ventilation and trapping of basins, closets, and sewer-pipes.

7. **HYDRAULIC ENGINEERING;** required in the senior year; two hours a week during the second term. General principles; flow of water through pipes and orifices, over weirs, and in open channels; flow of gases; impulse and resistance of water, dams, reservoirs, and canals; design of water systems. Merriman's *Hydraulics.*

8. **HIGHWAY CONSTRUCTION;** required in the senior year; three hours a week during the first term. Surveys, location, grades, foundations; materials, brick, wood, asphalt, cement, etc.; maintenance and expense; tools required in construction. Text-book: Byrne's *Highway Construction.*

9. **MASONRY;** required in the senior year; three hours a week during the second term. Stability of masonry structures in general; arches with vertical and inclined loads;

foundations, walls, earth and high masonry dams; cement, concrete, and masonry. Reference books: Cain's *Retaining Walls,* and Baker's *Masonry and Foundations.*

10. **IRRIGATION;** required in the junior year; three hours a week throughout the year. Land irrigation; construction of reservoirs and canals; division, distribution, and use of water; periods for watering; practical problems. Reference books: Fanning's *Water Supply,* Wilson's *Irrigation Engineering,* and Reports of Irrigation Investigations by U. S. Department of Agriculture.

11. **MECHANICS OF MACHINERY;** elective; three hours a week throughout the year. The machine, plane motion, constrainment, virtual motion, relative velocities, problems in machine dynamics, miscellaneous mechanisms, non-plane motion, friction in mechanisms and machines. Text-book: Kennedy's *Mechanics of Machinery.*

12. **MACHINE DRAWING;** elective; two hours a week throughout the year. Working drawings of machines and structures. Original problems.

CHEMISTRY.

ASSISTANT PROFESSOR RIDGES.
INSTRUCTOR KEMP.

1. **GENERAL CHEMISTRY;** required in the freshman year of College courses; five hours a week during the first term. Lectures, recitations, and laboratory work. Hessler and Smith's *Essentials of Chemistry.*

2. **QUALITATIVE ANALYSIS;** open to those who have completed course 1; five hours a week during one term.

Chiefly laboratory work, with discussions on schemes for analysis, solutions of problems, etc.

3. **QUANTITATIVE ANALYSIS;** open to those who have completed courses 1 and 2; six hours' credit, from twelve to fifteen hours laboratory work a week being required.

4. **ADVANCED QUALITATIVE ANALYSIS;** five hours a week during the first term. This is a continuation of course 2; special problems in analysis and synthesis, with practical applications. Fresenius' *Manual of Qualitative Analysis,* andPrescott and Johnson's *Qualitative Analysis,* as guides.

5. **ADVANCED QUANTITATIVE ANALYSIS;** five hours a week during the second term. Open to those who have completed courses 1, 2, and 3. The work includes the analysis of some commercial preparations, limestones, ores, etc.

6. **INDUSTRIAL CHEMISTRY;** open to those who have had course 1; three hours a week during the second term. This course comprises a study of the following: Air and its contamination; gas and oil lighting; petroleum; pigments, paints, etc.; explosives; glass; photography.

7. **ORGANIC CHEMISSTRY;** open to those who have had course 1; five hours a week during the first term. Lectures, recitations, and laboratory work. This is an elementary course designed to acquaint the student with the common compounds of carbon, such as fats, soaps, dyes, perfumes, hydrocarbons, etc. Remsen's *Organic Chemistry.*

8. **ASSAYING;** open to all who have had courses 1 and 2; three hours a week during the second term. This course should be accompanied or preceded by course 3.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.
ASSISTANT PROFESSOR MERRILL.
INSTRUCTOR HENDERSON.

1. **MORPHOLOGY OF INVERTEBRATES;** elective to those who have completed course a; three hours a week throughout the year; lectures two hours, laboratory four hours. Typical invertebrate forms, both marine and those of our own locality, are studied by dissection and prepared specimens. Enough systematic work is given to show the relationship existing between the groups. Laboratory fee, $1.25 a term.

2. **MORPHOLOGY OF VERTEBRATES;** elective to students completing course 1; three hours a week throughout the year; lectures two hours, laboratory four hours. This course consists of lectures, assigned readings, and the dissection of such typical forms as the hagfish, the lizard, the snake, the pigeon, the cat, etc. Laboratory fee, $1.25 a term.

3. **THALLOPHYTES;** elective to those who have completed course a; three hours a week during the first term; two lectures, and four hours in the laboratory. A morphological and systematic study of the commoner forms of Algae and Fungi. Special attention is given to smut, rust, mildews, etc. Laboratory fee, $1.00.

4. **SPERMATOPHYTES;** elective to those who have completed course a; three hours a week during second term; two lectures, and four hours of laboratory and field work. Lectures are given on the principles of classification, followed by a study of the gross structure of our common flowering plants. Laboratory fee, $1.00.

5. MORPHOLOGY OF COMPOSITAE; elective to those who have completed course 2; three hours a week during the second term; two lectures, and four hours laboratory practice. A morphological and systematic study of Compositæ. Laboratory fee, $1.00.

6. BRYOPHYTES AND PTERIDOPHYTES; elective to those who have completed course 1; three hours a week during second term; two lectures, and four hours laboratory and field work. A morphological and systematic study of Mosses and Ferns, our local species receiving the special attention of the student. Laboratory fee, $1.00.

7. HISTOLOGY AND PHYSIOLOGY OF PLANTS; elective to those who have completed course 2; three hours a week throughout the year. A study of the microscopic structure, the development, and the vegetative processes of Phanerogams. Laboratory fee, $1.50 a term.

8. ELEMENTARY BACTERIOLOGY; elective to those who have completed courses a and b; five hours a week during the first term; one hour lecture and recitation, and eight hours in the laboratory. This is a course in methods of staining and cultivating the more common forms of bacteria, the preparation of culture media, and a study of methods of bacteriological analysis of water, milk, etc. Laboratory fee, $1.50.

9. PATHOGENIC BACTERIOLOGY; elective to those who have completed course 8; five hours a week during the second term; two hours lecture and recitation, and six hours laboratory practice. This is a further study of technique, and a careful examination of common disease germs. Lectures are given on the germ theory of disease, methods of sterilization and Pasteurization, and such other work essential to a thorough knowledge of bacteriology. Laboratory fee, $1.50.

10. ADVANCED BACTERIOLOGY; elective to those who have completed courses 8 and 9; four hours a week throughout the year. This is a course in research work. Some problem in which the student is interested is assigned for careful investigation. Laboratory fee, $2.00 each term.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

Assistant Professor Wolfe.

1. PHYSIOLOGY II; open to those who have had course a; four hours a week throughout the year. Lectures, recitations, and laboratory work. It is the aim in this course to make a thorough, detailed study of the structure and functions of the organs of the human body, and to demonstrate all points as far as can be done in the ordinary laboratory. Special attention is given to the processes of life, and the laws which control the development of the human body.

2. HISTOLOGY; open to those who have completed course 1; three hours a week throughout the year. This course is a microscopical study of normal elementary tissues, including an acquaintance with mothods of preparing material for microscopical examination. The student receives thorough drill in embedding, sectioning, and staining. Laboratory fee, $2.00 each term.

GEOLOGY AND MINERALOGY.

Assistant Professor Wolfe.

1. ELEMENTARY GEOLOGY; required of fourth-year Normal students, elective to others; five hours a week during the second term. An elementary course in dynamical, structural, and historical geology, arranged with special reference to the needs of the teacher. Scott's *Elementary Geology* is the text-book used.

2. **ADVANCED GEOLOGY;** elective to those who have completed course 1; three hours a week throughout the year. Lectures, laboratory and field work. An advanced course in dynamical, structural, and historical geology. The study of typical fossils, and the determination of local geological formations form an important part of the work. Le Conte's *Elements of Geology* (latest edition), is the regular text-book. Geikie's *Text Book of Geology,* Lyell's *Principles of Geology,* and Dana's *Manual of Geology* are used as reference works, and outside readings from Reports of U. S. Geological Surveys are prescribed.

3. **ECONOMIC GEOLOGY;** elective to those who have completed course 2; three hours a week during the first term. Lectures, laboratory and field work. A study in practical geology, dealing with minerals, rocks, ores, soils, fertilizers, mineral springs, etc. Mining terms and methods are discussed, and brief descriptions of our great gold and silver producing mines. Tarr's *Economic Geology* is the class book. Page's *Economic Geology* and works on special subjects are used as text and reference books.

4. **GEOLOGICAL BIOLOGY;** elective to those who have completed course 2; three hours a week during the second term. This course is an introduction to the study of paleontology, and comprises discussions on the history of organisms, the relation of the biological sciences to the science of geology, evolutionary theories and kindred subjects. Lectures and field work.

5. **GREAT BASIN;** elective to those who have completed course 2; three hours a week during the first term.

A study of the origin and growth of the Great Basin and Plateau regions, with their characteristic mountains, rivers, and lakes. Lectures and field work.

6. **ELEMENTARY MINERALOGY;** elective to those having suitable preparation; three hours a week during the second term; two lectures and four hours of laboratory work. The student is taught to determine the more common minerals, and is made acquainted with some of their most important properties. Dana's *Minerals and How to Study Them.* Laboratory fee, $1.50.

7. **ADVANCED MINERALOGY;** elective to those who have completed course 6, and Chemistry 1; lectures two hours, laboratory work four hours throughout the year. The work of this course is a continuation of course 6, but enters more into detail. Special attention is given to crystallography and blow-pipe analysis, the student being required to determine not fewer than seventy-five mineral species. Dana's *System of Mineralogy* and Williams' *Crystallography*. Laboratory fee, $2.00 a term.

HIGH SCHOOL COURSES:

ENTRANCE REQUIREMENTS.

Graduates of the State District Schools and those who have completed the Preparatory Course of the College are admitted without examination to the High School Courses. Other applicants for admission to these courses must pass a satisfactory examination in the following subjects:

ENGLISH.—The examination in grammar is based on Reed and Kellogg's *Higher Lessons in English.* Simple exercises in composition will be included, requiring a knowledge of the structure and arrangement of sentences and paragraphs, the use of capitals, and the simpler principles of punctuation.

The applicant should be able to read intelligently any selection in the *Stepping Stones to Literature, Book VIII,* and to spell the words in the *Modern Spelling Book.*

UNITED STATES HISTORY.—Thomas' or Ellis' *United States History,* or an equivalent.

GEOGRAPHY.—Tarr and McMurray's *Complete Geography,* or an equivalent. More importance will be attached to a knowledge of countries and people than to a knowledge of obscure points of topography. The geography of the United States, and particularly of Utah, should be known in considerable detail.

ARITHMETIC.—Fundamental principles, decimal and common fractions, denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight. United States money; measurements; and the simpler cases of percentage. Southworth's *Essentials of Arithmetic, Book II.*

PENMANSHIP.—The examination in penmanship is based on Michael's System of Rapid writing, or on any of the vertical round hand systems. The applicant will be tested as to position, legibility, and rapidity of movement.

MISSIONARY COURSES.

Missionaries presenting certificates of appointment are admitted to this course without examination. Others may be admitted provided they show their ability to do the work outlined, and obtain permission from the College authorities.

REGISTRATION.

Students in all courses register at the begining of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the Council. No changes in registration will be allowed except by permission of the Faculty.

In the High School Courses, students will not be allowed to register for more than twenty hours of recitations or lectures a week without special permission, and no student who has failed or is conditioned in any subject in the year immediately preceding, will be allowed to register for more than seventeen hours, except by permission of the Faculty. Every hour for which credit is given represents approximately, for the average student, three hours of actual work a week through one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours for preparation or subsequent reading and study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week through one term are required for each hour that counts toward graduation. See "Courses of Study."

CLASSIFICATION.

Students in the high school courses are classed according to the year in which the major part of the work is taken, except in cases where there is work of the second preceding year which has not been completed. For example, no student will be allowed to register in the third year, if conditioned in any subject of the first year; or in the fourth year, if conditioned in the second-year work.

GRADUATION.

Students who complete the four-year high school courses receive certificates of graduation. Those who complete the Short Domestic or Short Business Course receive special certificates. Those who complete the work of the Normal Training-School, receive grammar grade certificates.

The standing of students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D*; and in order to graduate in any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

COURSES OF STUDY.

The following courses of high school grade are offered by the College:

1. Classical Course, four years.
2. Scientific Course, four years.
3. Normal Course, four years.
4. Business Course, four years.
5. Agricultural Course, four years.
6. Mechanic Arts Course, four years.
7. Domestic Course, four years.
8. Course in Music, four years.
9. Preparatory Engineering Course, three years.
10. Short Business Course, three years.
11. Short Domestic Course, three years.
12. Missionary Course, one year.
13. Preparatory Course, one year.

The *Classical Course* is offered for those who desire a culture training. The person who receives a thorough education in Latin, Greek, and mathematics, along with the usually related subjects, has in many respects, a decided advantage in life over the one not having had such training. This course is adapted for those who expect to do advanced work along the lines of English and other modern languages, history, anthropology, sociology, law, medicine, etc.; at the same time, however, the work is so planned as to give an excellent preparation for life to those who do not continue their studies beyond this course.

The *Science Course* aims to emphasize the natural sciences by requiring one or more in each of the four years of the outlined work. The purpose of this arrangement is to familiarize the student with nature and some of her manifestations and to give such a training in scientific methods of thought and investigation as will introduce him to the great problems of the age. This course also gives an excellent preparation for college and university courses in English and other modern languages, natural science, mathematics and history.

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*90 to 100, A; 80 to 89, B; 70 to 79, C; 60 to 69, D; 46 to 59, E, (conditioned); below 46, F (faiure).

The principal aim in the *Normal Course* is to qualify students for the profession of teaching. The regular normal work is so combined with moral and religious instruction, and with literary, historical, mathematical, and scientific subjects as to insure most efficient preparation for teachers, and a practical, harmonious education for persons who may not desire to teach. There is a great demand for well qualified teachers, principals, and superintendents. As artists, lawyers, engineers, physicians, must attend their professional schools or colleges before entering successfully upon the work of their respective professions, so the modern progressive teacher must receive a thorough and extensive course in a well-equipped Normal School before being able to direct successfully and wisely the work of the schoolroom.

Beginning with the third year, the professional work of the Normal Course extends through two years, and includes thorough courses in the principles and practice of teaching, school organization and school management, the fundamental laws of mind development with reference to their application in teaching, and the history and philosophy of education.

In connection with this course, a *Normal Training-School* is maintained by the College. In this school each grade is in charge of an experienced critic teacher, chosen with special reference to his fitness for the work of his grade. Here the Normal students have an opportunity to observe the regular work, and later to teach in each grade, thereby putting into practice the principles of instruction given in the class room. Their teaching is observed daily by critic teachers and normal instructors, who assist the students in the preparation of their work and offer directions and criticisms. The time thus devoted to teaching under the supervision of specialists is ordinarily worth more to the teachers than years of unaided experience. In the fourth year of this course, a review of one hour a week is prescribed in grammar and arithmetic to insure a high standard of excellence in these subjects.

The *Business Course* is designed to prepare students for commercial business pursuits, and furnishes the necessary technical training in penmanship, bookkeeping, stenography, typewriting, commercial arithmetic, commercial law, political economy, civil government, and the other branches usually offered in a business course. At the same time the fact is emphasized that a business education is not merely the imparting of such knowledge as is necessary to make bookkeepers, stenographers, and clerks, but that it comprehends a broader field, including instruction in such other subjects as are requisite to a good general education. Its completion gives a foundation upon which future success in any line of business may be reared.

The *Agricultural Course* offers excellent opportunities to those who do not expect to continue their education beyond the High School, and who wish to receive some practical instruction to accompany the usual theoretical subjects of such a course. Work in agriculture, horticulture, animal industry, and manual training, has been provided to fit young men for the farm, the garden, the orchard, the shop. The course is especially arranged to meet the growing demand for practical work along industrial lines.

The *Mechanic Arts Course* offers an opportunity for a thorough training in the use of wood-working tools and machinery and also for such a general acquaintance with the principles of carpentry as will fit the student for practical work. Four years of instruction are given. During the first year the student spends his time with hand tools: later, thorough instruction is given in the use of the principal forms of wood-working machinery. Accuracy and neatness will be insisted upon and all work done will be according to a previously prepared plan, the object being not only to teach the carpenter's trade, but to discipline and train the eye and the hand as well as the mind, and thus by associating manual and mental training, to educate thoroughly the student for the duties of life, whatever may be his chosen profession. The Laboratory is provided with the necessary tools and machinery.

The *Domestic Courses* are offered in order that young women may have the opportunity of obtaining a good training, not only in the distinctive subjects of a domestic course but also in English, in mathematics, in history and civics, and in the natural sciences. They thus receive the culture that comes from pursuing systematic courses of instruction while preparing themselves for the highest of all duties—those of the home. It is designed that the course shall be not only theoretical but also practical, the instruction being adapted to the conditions and needs of the greater majority of homes.

The *Preparatory Engineering Course* is offered to give the preparation that, is needed for admission to civil mechanical, mining, and electrical engineering courses. The subjects are so arranged that, while a preparation is given for entrance to the above named courses, their completion will prepare the student to enter most of the baccalaureate courses of colleges and universities.

The *Short Business Course* is given for the accommodation of those who are unable to take the longer course.

It furnishes the necessary technical training to qualify students for positions as accountants and stenographers, and is equal to the regular business course offered by commercial schools.

The *Missionary Course* is especially arranged to meet the needs of those who have been called by the Presidency of the Church to prepare for immediate missionary service. The aim in this course is to do all that is possible in the time spent toward preparing students for active work in the ministry.

The *Preparatory Course* is outlined for young men and young women who, through force of circumstances, have been prevented from preparing themselves for entering the high school until they have arrived at such an age that it would be a serious waste of time to work in the grades of the public schools. In addition to the subjects usually required for entrance to the high school, the young men are allowed to elect work in agriculture or in carpentry, and the young women are allowed to enter one of the courses in domestic arts.

ACADEMIC COURSE.

Students who entered upon this course before 1902 will be allowed to continue it until their graduation, provided they complete their work by June, 1905. After that date the course will be entirely withdrawn.

CLASSICAL COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Latin	4		4
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Hist. of Orient & Greece	5	History of Rome	5
Latin	4		4
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
European History	4	English History	4
Physiology	2		2
Latin or Greek	4		4
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church Hist. and Doc.	3		3
Trigonometry	3	Rhetoric II	4
American History	5	Civil Government	5
Physics	4		4
Latin or Greek	2		2
Elective	2		2
Reviews	1		
	20		20

SCIENCE COURSE.

FIRST YEAR.	FIRST TERM.		SECOND TERM.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
French, German, or Lat.	4		4
	20		20

SECOND YEAR.	FIRST TERM.		SECOND TERM.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Zoology	5	Botany	5
French, German, or Lat.	4		4
	20		20

THIRD YEAR.	FIRST TERM.		SECOND TERM.
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Physiology I	2		2
Physics	4		4
French, German, or Lat.	4		4
	20		20

FOURTH YEAR.	FIRST TERM.		SECOND TERM.
Church Hist. and Doc.	3		3
Trigonometry	3	Rhetoric II	4
American History	5	Civil Government	5
Chemistry	5	Geology or Chemistry	5
French, German, or Lat.	2		2
Reviews	2		1
	20		20

NORMAL COURSE.

FIRST YEAR.	FIRST TERM.		SECOND TERM.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Vocal Music*	2		2
Elocution*	2		2
	20		20

SECOND YEAR.	FIRST TERM.		SECOND TERM.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing	2		2
Zoology‖	5	Botany‖	5
	20		20

THIRD YEAR.	FIRST TERM.		SECOND TERM.
Old Testament	3		3
English Literature	3		3
Psychology	5	Theory of Teaching	5
American History	5	Civil Government	5
Physics	4		4
	20		20

FOURTH YEAR.	FIRST TERM.		SECOND TERM.
Church Hist. and Doc.	3		3
European History	4	Rhetoric II	4
Training	4		4
Pedagogy	4		4
Chemistry	5	Geology	5
	20		20

*Or elect from Manual Training, Household Economics, Agriculture.

‖Or elect Animal Industry, or Horticulture.

BUSINESS COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Penmanship	2		2
Business Correspondence	2		2
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Bookkeeping	3		3
Stenography I*	5		5
Language or Geometry||	4		4
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Bookkeeping & Banking	4		4
American History	5	Civil Government	5
Commercial Arithmetic	3		2
Telegraphy	2		3
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church History and Doc.	3		3
European History	4	Rhetoric II	4
Commercial Law	3		3
Political Economy	3		3
Com. and Transportat'n.	3		3
	4		4
	20		20

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*Or elect from History a and b, Algebra, Cooking, Agriculture, Carpentry.

||Students who take Geometry will need one hour additional before graduation. Students who begin Stenography or a language in the second year should continue this work in the third, and substitute Commercial Arithmetic for Commerce and Transportation in the fourth.

COURSE IN AGRICULTURE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Principles of Agriculture	4		4
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Plane Geometry or Poltical Economy	3		3
Physiology	2		2
Irrigation and Drainage	2	Farm Buildings	2
Field Crops	5	Botany	5
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature or Political Economy	3		3
Bacteriology*	5	Horticulture	5
Animal Industry	5		5
Carpentry	4		4
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church History and Doc.	3		3
Forge Work	4	Rhetoric II	4
Chemistry	5		5
Entomology	4	Plant Breeding	4
Physics	4		4
	20		20

*May not be given during 1904-05.

MECHANIC ARTS COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physography	3		3
Carpentry or Forge W'k.	4		4
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
Physiology I	2		2
Drawing	2		2
Carpentry or Forge W'k.	5		5
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Physics	4		4
Carpentry	5		5
American History*	3		3
Civil Government*	2		2
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church History and Doc.	3		3
Mechanical Drawing	2		2
Chemistry	5	Geology	5
Carpentry	5		5
Elective	5	Rhetoric II, and Review‖	5
	20		20

*Or elect History a and b. ‖In Grammar.

DOMESTIC COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Household Economics	2	Sanitation	2
Plain Sewing	3	Cutting and Fitting	3
Vocal Music or Drawing	2		2
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Dressmaking	5		5
Cooking I	5		5
Physiology	2		2
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Fruit Work, Cooking II	4	Dietetics	4
Art Needle Work	1		1
Chemistry	5		5
Bacteriology*	4	Botany	4
	20		20

FOURTH YEAR.	FIRST TERM.	SECOND TERM.	
Church History and Doc.	3		3
Art of Nursing, Hygiene	4	Laundry	4
American History	5	Civil Government	5
Physics	4		4
Science of Nutrition	4	Rhetoric II	4
	20		20

*This course may not be given in 1904-05.

COURSE IN MUSIC.

FIRST YEAR.	FIRST TERM.		SECOND TERM.
Book of Mormon	3		3
Grammar and Classics	5		5
Freehand Drawing	2		2
German or French	4		4
Vocal Music, Piano, or Violin	2		2
Elective*	4		4
	20		20

SECOND YEAR.	FIRST TERM.		SECOND TERM.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Physiology	2		2
German or French	4		4
Vocal Music,‖ Piano, or Violin	2		2
Elective*	6		4
	20		20

THIRD YEAR.	FIRST TERM.		SECOND TERM.
Old Testament	3		3
English Literature	3		3
German or French	4		4
Voice Culture, or Elective	2		2
Piano or Violin	2		2
Elective*	4		6
	20		20

FOURTH YEAR.	FIRST TERM.		SECOND TERM.
Church History and Doc.	3		3
		Rhetoric II	4
Voice Culture, Piano, or Violin	3		3
Elective*	14		10
	20		20

*Before choosing electives the student must consult with the teacher in Music under whom he is doing his major work.

‖Or Voice Culture.

PREPARATORY ENGINEERING COURSE.

FIRST YEAR.	FIRST TERM.		SECOND TERM.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
French, Germ., or Latin	4		4
	20		20

SECOND YEAR.	FIRST TERM.		SECOND TERM.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Geometry	3		3
American History	5	Civics	5
French, Germ., or Latin	4		4
	20		20

THIRD YEAR.	FIRST TERM.		SECOND TERM.
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Drawing	2		2
Physics	4		4
French, Germ., or Latin*	4		4
	20		20

***Or elect Carpentry or Forge Work.**

SHORT BUSINESS COURSE.

FIRST YEAR.	FIRST TERM.	SECOND TERM.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Penmanship	2		2
Business Correspondence	2		2
	20		20

SECOND YEAR.	FIRST TERM.	SECOND TERM.	
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Stenography or Elective	5		5
Bookkeeping	3		3
Language or Geometry*	4		4
	20		20

THIRD YEAR.	FIRST TERM.	SECOND TERM.	
Old Testament	3		3
English Literature	3		3
Commercial Arithmetic‖	3		3
American History	5	Civil Government	5
Bookkeeping & Banking	4		4
Typewriting, or Elective	2		2
	20		20

*See foot-note of Business Course.

‖Or Commercial Law.

SHORT DOMESTIC COURSE.

FIRST YEAR.	FIRST TERM.		SECOND TERM.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Household Economics	2	Sanitation	2
Plain Sewing	3	Cutting and Fitting	3
Vocal Music or Drawing	2		2
	20		20

SECOND YEAR.	FIRST TERM.		SECOND TERM.
Life of Christ	3	Apostolic Age	3
Rhetoric I	5		5
Cooking I	5		5
Dressmaking	5		5
Physiology	2		2
	20		20

THIRD YEAR.	FIRST TERM.		SECOND TERM.
Old Testament	3		3
English Literature	3		3
Fruit Work, Cooking II.	4	Dietetics	4
Art Needle Work	1		1
Chemistry	5		5
Elective	4		4
	20		20

PREPARATORY COURSE.*

	FIRST TERM.	SECOND TERM.
Bible Readings	3	3
English	5	5
Arithmetic	5	5
Geography	3	3
Penmanship	2	2
Elective||	4	4
	22	22

MISSIONARY COURSE.*

	FIRST TERM.		SECOND TERM.
Church History	5	Bk. of Mor. & Mod. Rev.	5
Principles of the Gospel	5		5
Scripture Readings	3		3
English**	5		5
Singing	2		2
	20		20

*For further information regarding these courses consult Index.

||From the following: Penmanship, Cutting and Fitting, Agriculture, Carpentry, Household Economics.

**Or a foreign language.

COURSES OF INSTRUCTION.

THEOLOGY.

PROFESSOR CHAMBERLIN.
INSTRUCTOR CARD.

In connection with the work outlined in the following courses, provision is made for general and special inctruction on theological lines. Devotional exercises, consisting of singing, prayer, and short talks are conducted daily.

It is the aim in this department to give the students a thorough knowledge of the subjects offered, to develop faith in the practice of Gospel principles, and to prepare for efficient work in the ministry and in the different organizations of the Church.

a. BOOK OF MORMON I; required of all first-year students; three hours a week throughout the year. A course of lectures is given on the divine authenticity of the *Book of Mormon.* Based on the *Book of Mormon* as a text, with references to the *Book of Mormon Dictionary* by Reynolds, and to various works on prehistoric America. Six sections. Professors Skidmore, Merrill, Robinson, and Wolfe, and Instructors Kemp and Peterson.

b. LIFE OF CHRIST; required of all second-year students; three hours a week during the first term. The most important events in the life of Christ are considered, and sufficient geographical and historical information is given to make the subject most interesting and profitable. Three sections. President Linford, Professors Chamberlin and Hall.

c. **APOSTOLIC AGE;** a continuation of course b; three hours a week during the second term. This course includes a study of the development of Christianity and its growth through the missionary labors of the Apostles. A study of the epistles and the apocalypse is a prominent part of the work. In courses b and c the most important principles of the Gospel are considered in connection with the teachings of Christ and the Apostles.

ENGLISH LANGUAGE AND LITERATURE.

Professor Vernon.
Assistant Professor Bowen.
Assistant Professor Perry.
Instructor Snow.

a. **GRAMMAR AND COMPOSITION;** required of all first-year students in the high school courses; five hours a week during one term, four hours of which are given to a technical study of the principles of English Grammar. One hour a week is devoted to theme-writing, mostly reproductions. Three sections each term. Buehler's *Modern English Grammar.* Instructor Snow.

b. **CLASSICS;** required of all first-year students in the high school courses; five hours a week during one term. This course includes a study of several American classics, together with some systematic training in the use of the voice, and drill in articulation and expression. Orthography forms an important part of the course. Three sections each term. *Masterpieces of American Literature* and other classics. Professor Vernon, Professor Bowen, Instructor Blood.

c. **BUSINESS CORRESPONDENCE;** required of students in the first year of the Business courses; two hours a week throughout the year. The work of the first term comprises a thorough study of punctuation and kindred subjects, thus preparing the way for the work of the second term, which is given up to the theory and practice of letter-writing. *Practical Letter Writing and Graded Lessons in Letter Writing.* Two sections. Professor Bowen, Instructor Snow.

d. **ELOCUTION I;** elective in the high school courses; two hours a week throughout the year. The course includes a drill in the essentials of good reading and expression, and also an application of the elementary principles of elocution in the analysis of selections from standard authors. Shoemaker's *Advanced Elocution.* Instructor Snow.

e. **RHETORIC I;** required of all students in the second year of the high school courses; five hours a week throughout the year. This course is based on Herrick and Damon's *Composition and Rhetoric.* Bi-weekly themes and collateral readings are required. Three sections. Professor Bowen.

f. **ENGLISH LITERATURE;** required of third-year students in the high school courses; three hours a week throughout the year. A general survey of English literature, consisting of lectures, readings, and reports. During the year 1904-05, the Age of Milton and the Age of Tennyson will receive particular attention. Halleck's *History of English Literature.* Two sections. Professor Vernon.

ANCIENT AND MODERN LANGUAGES.

PROFESSOR CHAMBERLIN.
INSTRUCTOR GLARDON.

For an outline of the courses in these departments see pages 33-34 of this Catalogue.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

a. **THE ORIENT AND GREECE;** required of students in the second year of the Classical Course; five hours a week during the first term.

b. **HISTORY OF ROME;** required of students in the second year of the Classical Course; five hours a week during the second term.

c. **EUROPEAN HISTORY;** required of students in high school courses; two hours a week throughout the year.

d. **AMERICAN HISTORY;** required of students in the high school courses; three hours a week throughout the year. This course assumes a fair knowledge of the amount of history required in the eighth grade of district schools. The periods of discovery and colonization are treated briefly, and the study is devoted mainly to the political, constitutional, and industrial development of the United States during the national epoch.

e. **CIVIL GOVERNMENT;** required of students in high school courses; two hours a week throughout the year. This course embraces a study of township, county, city, and state governments, and of the Constitution and government of the United States.

EDUCATION.

PROFESSOR HALL.

As a preparation for the work in education, Normal students of the sceond year are requested to read carefully the following books: *Leonard and Gertrude, the Student's Froebel,* and *A Pot of Green Feathers.*

a. **THEORY OF TEACHING;** required of third-year students in the Normal Course; two hours a week throughout the year. This course is designed as a preparation for work in the Training-School, and includes a careful consideration of the principles of education, the mental development of the child, the laws of mind and of teaching, and of moral training. Putnam's *Pedagogics,* and Parker's *Pedagogics* are used as texts, supplemented by readings from Spencer's *Education, Herbart and the Herbartians,* and other works, and by lectures and discussions. Required readings: *My Pedagogic Creed, the Story of a Sand Pile, A Study in Dolls, Contents of a Child's Mind,* and *The Human Nature Club.*

b. **TRAINING;** required of fourth-year Normal students; four hours a week throughout the year. This course gives practice in teaching in the Normal Training-School under the direction of critic teachers. Outlining lessons, planning courses, and making programmes are features of this course. Required readings: Rosseau's *Emile; The Meaning of Education; Reading; How to Teach It;* and *Talks to Teachers on Psychology and Life's Ideals.*

MATHEMATICS.

Professor Skidmore.
Assistant Professor Perry.
Instructor Peterson.

a. **ALGEBRA I;** required of students in the first year of the high school courses; five hours a week throughout the year. An elementary course including a thorough study of quadratic equations. Taylor's *Elements of Algebra.*. Six sections.

b. **PLANE GEOMETRY;** required of second-year students in high school courses; three hours a week throughout the year. The work of the regular course in Plane Geometry will be supplemented by numerous problems. Wells' *Plane Geometry*. Two sections.

c **GEOMETRY, ALGEBRA II;** required of third-year students in high school courses and in the Preparatory Course in Engineering; four hours a week throughout the year.

(a). Solid Geometry; Phillips and Fisher's *Geometry of Space.* First term.

(b). Algebra; advanced work in the fundamental operations, fractions, and simple equations. A study of the higher series and some of their applications. Wells' *Advanced Course in Algebra*. Second term.

PHYSICS.

INSTRUCTOR PETERSON.

a. **ELEMENTARY PHYSICS;** requird in the third year of high school courses; four hours a week throughout the year. This course comprises a study of elementary mechanics, sound, heat, light, electricity, and magnetism. Recitations and laboratory work. Carhart and Chute's *Elements of Physics,* Chute's *Laboratory Manual.*

ZOOLOGY AND BOTANY.

President Linford.
Assistant Professor Merrill.
Instructor Henderson.

a. **ELEMENTARY ZOOLOGY;** five hours a week during first term; three hours recitations and four hours laboratory practice. This course gives a general view of the animal kingdom. Living animals will be examined and dissections made as a basis for understanding animal structure. Davenport's *Elements of Zoology.* Laboratory fee, $1.00. Assistant Professor Merrill.

b. **ELEMENTARY BOTANY;** five hours a week during second term; three hours recitations, four hours laboratory practice. In this course it is intended to give the student a thorough understanding of the more obvious phenomena of plant structure and some of the simpler physiological processes of plant organisms, in order that a basis may be formed for all future intelligent study of the same. Enough classification will be given to make clear the relationship of the different groups, and also to enable the student to recognize the commoner types. Bergen's *Foundations of Botany.* Laboratory fee, 50 cents. Assistant Professor Merrill.

ANATOMY, PHYSIOLOGY AND HYGIENE.

Professor Ridges.
Assistant Professor Wolfe.

a. **PHYSIOLOGY I;** required in the second year of high school courses; two hours a week throughout the year. The aim of this course is to make the student familiar with the more important principles of physiology and the laws of health. Colton's *Physiology, Experimental and Descriptive.*

GEOLOGY AND MINERALOGY.

ASSISTANT PROFESSOR WOLFE.

a. **PHYSIOGRAPHY;** required of students in the first year of high school courses; three hours a week throughout the year. After the atmosphere and the physical features of the ocean have been discussed, the remaining time of the course is devoted to the study of the development of the various land forms, together with the influence of such forms on the character and occupation of the people associated with them. Davis' *Physical Geography,* (latest edition). Four sections. Assistant Professor Wolfe, and Instructor Peterson.

BUSINESS.

PROFESSOR BULLEN.
INSTRUCTOR BLOOD.
INSTRUCTOR NELSON.

a. **BOOKKEEPING;** required of second-year students in the Business courses; three hours a week throughout the year. Students are thoroughly drilled in the principles which underlie and form the foundation of bookkeeping, special attention being given to ruling, spacing, order and general arrangement of work, notes, drafts, receipts, checks, statements, invoices, trial balances, settlements incidental to the close of a year or winding up of a business, the adjustment of partnership profits, methods of closing books, and other details connected with bookkeeping. The work is practical from the beginning, and largely individual. Students buy and sell as in actual business, dealing with commission, merchandising, manufacturing, jobbing, insurance, etc. Business is done directly with the College Bank, students making regular deposits, and paying bills by check. Instructor Blood.

b. **BOOKKEEPING AND BANKING**; required of third-year students in the Business courses; four hours a week throughout the year. This course is a continuation of course a, and deals with banking and auditing, giving actual practice in expert accounting. Thorough instruction is given in opening books under more than ordinary circumstances, from a single proprietorship to a corporation; in outlining systems of bookkeeping especially adapted to certain lines of business; adjusting deranged books, admission of partners; dissolution of partnerships and settling of complicated partnership affairs. College currency, deeds, leases, mortgages, bills of exchange, insurance policies, and other forms of commercial paper found in the general routine of business are used. Special attention is given to corporation work. The bank is organized after the plan provided in the National Bank Act and is conducted along the lines of the modern system of banking; the students are the stockholders; regular meetings are held where officers are elected; dividends declared, and other business attended to. Each student serves his turn, as Discount and Collection Clerk, Bookkeeper, Teller, and Cashier. Business is carried on with corresponding banks in other colleges in Utah and Idaho. Order, neatness, proficiency, and accuracy characterize the work. Professor Bullen.

c. **COMMERCE AND TRANSPORTATION**; required of fourth-year students in the Business Course; three hours a week throughout the year. This course embraces a study of the commerce and transportation of the State, the country, and all countries of the world with which we have any considerable trade; the origin and early development of commerce, and its influence on the world's civilization; discoveries, public works, inventions, legislative enactments, and other important influences by which the progress of the world has been affected; the more important commodities of commerce, the climate and conditions suited to their production, where they are found and the preparation necessary to fit them for the purposes of trade; the use of wind, steam, animals, conduits, and electricity in carrying commodities; water and land transportation. Professor Bullen.

d. **COMMERCIAL LAW;** required of third-year students in the Short Business Course, and of fourth-year students in the Business Course; three hours a week throughout the year. This course embraces a study of the laws governing the transactions of business in the world of commerce, including a knowledge of contracts, agency, partnership, corporations, business paper, liens, guaranty and suretyship, insurance, real estate, conveyances, stoppage, etc. Professor Bullen.

e. **PENMANSHIP;** required of first-year students in the Business courses; two hours a week throughout the year. The course in writing is systematic from beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student, an easy, rapid business handwriting is acquired. Instructor Nelson.

f. **STENOGRAPHY I;*** elective in the Business courses; five hours a week throughout the year. Individual and class instruction. In the class drill, the students get the benefit of the stimulus given by competition. The second part of the year is given entirely to slow dictation and review of outlines. Instructor Nelson.

g. **TYPEWRITING;** elective in the Business courses; two hours a week throughout the year. A systematic course of instruction in touch typewriting is pursued. Students are taught proper fingering of the keys and handling, cleaning, oiling, and adjusting the machine. When the card exercises have been thoroughly mastered by the student, an extensive course is introduced, consisting of writing legal testimony and documents, specifications, commercial correspondence, manifolding, together with all other forms of work usually done on the typewriter. Students also have dictation exercises until a high speed is attained. Instructor Nelson.

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*Credit toward graduation will not be given for this course unless Stenography II also be taken.

h. **TELEGRAPHY;** elective in the Business Course; two hours a week throughout the year. The student is required to learn the alphabet at the key, commencing with the most simple forms so as to enable him to commit them to memory; then he is taught more advanced combinations, learning to read by sound and at the same time making the sounds correctly on the key. In this way he advances progressively, reading and sending messages, until he has attained a speed of ten or twelve words a minute, after which he is drilled for speed. The student should take up in connection with the course, penmanship and typewriting, also English and mathematics. Instructor Nelson.

i. **COMMERCIAL ARITHMETIC;** required of all third-year students in the Business courses; three hours a week throughout the year. This course includes a treatment of ratio and proportion, percentage, interest and discount, exchange, equation of payments, settlement of accounts, stocks and bonds, and partnership. Contracted methods are given special attention.

j. **STENOGRAPHY II;*** elective to those who have completed course I; two hours a week throughout the year. After a brief review the entire time will be given to dictation and drill for speed, rapid letter writing and reporting being main features. Instructor Nelson.

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*Credit toward graduation will not be given for this course unless Stenography II also be taken.

DOMESTIC ARTS.

Assistant Professor Homer.
Assistant Professor Hubbard.
Instructor Morrell.
Instructor Nibley.
Instructor Hendricks.

a. **PLAIN SEWING;** required of all first-year students in the Domestic Arts Course; three hours a week during the first term. This is, in the main, a laboratory course, the aim being to give each student a thorough knowledge of the stitches in plain sewing. Instruction is given in patching, cloth and stockinet darning, etc. Assistant Professor Hubbard, Instructor Morrell, Instructor Hendricks.

b. **DRAFTING, CUTTING AND FITTING;** required of all first-year students in the Domestic Arts Course; three hours a week during the second term. The object of this course is to enable each member of the class to draft, cut, fit, and make garments correctly. Before the course is completed each student is made familiar with the management of a sewing machine in running seams, hemming, puffing, binding, etc. Assistant Professor Hubbard, Instructor Morrell, Instructor Hendricks.

c. **DRESSMAKING;** required of all second-year students in the Domestic Arts Course; five hours a week throughout the year. An advanced course in drafting, cutting and fitting, and general dressmaking; also a study of fabrics, their manufacture and development and their effect on social conditions. Drawing I a prerequisite. Assistant Professor Hubbard.

d. **ART NEEDLE-WORK;** required of all third-year students in the Domestic Arts Course; one hour a week throughout the year. Instruction is given in making lace, the various kinds of embroidery, hemstitching, etc. Drawing I and Domestic Arts c prerequisite. Assistant Professor Hubbard.

e. **HOUSEHOLD ECONOMICS**; required of first-year students in the Domestic Arts Course; elective to others; two hours a week during first two-thirds of the year. A course treating the most scientific and economic methods of home making, arrangement, furnishings, and decoration of the rooms, so as to make them attractive without costly furnishings. Assistant Professor Homer.

f. **LAUNDRY WORK**; required of fourth-year students in the Domestic Arts Course; two hours a week the last third of the year. A series of lectures on the best methods of washing and ironing linens, muslin, silks, woolen materials, colored prints, and the laundering of shirts, collars, and cuffs, the removal of stains. The materials used in the laundry—water, soaps, starches, and blueings—will be scientifically considered. The course of lectures will be followed by practical work in the laundry. Assistant Professor Homer.

g. **COOKING I**; required of second-year students in the Domestic Arts Course; five hours a week throughout the year. Foods will be studied as to their sources, composition, processes of manufacture, adulteration, nutritive value, and digestibility. The best methods of cooking and serving each of the staple food substances will be treated in the class and demonstrated by each student in the kitchen. Assistant Professor Homer and Instructors Morrell and Nibley.

h. **FRUIT WORK**; required of third-year students in the Domestic Arts Course; four hours a week first third of year. A study of the canning and the bottling of fruits; making of all kinds of preserves, jams, jellies, marmalades;

ketchups, pickles, spiced fruits, sauces, and meat relishes. The lectures will treat of the chemistry of fruits, their acids and sugars; causes of fruit fermentation; and the value of fruits as a food. Assistant Professor Homer, Instructor Morrell.

i. **COOKING II;** required of third-year students in the Domestic Arts Course; four hours a week second third of the year. This course includes practical work in plain and fancy cooking; in making the different kinds of breads; also a study of the best methods of cooking and serving meats, vegetables, and desserts. A three course lunch is served during the winter months, when members of the class take turns in acting as hostess and waiting upon the table. Assistant Professor Homer.

j. **DIETETICS;** required of third-year students in the Domestic Arts Course; four hours a week during second term. This course treats of the best foods to be given in different diseases, with practice in the preparation and serving of foods. Assistant Professor Homer.

k. **ART OF NURSING;** required of fourth-year students in the Domestic Arts Course; four hours a week during the first term. A lecture course treating some of the fundamental principles involved in nursing the sick. In addition to the lectures, a course of supplementary reading will be outlined, each student being required to report in writing a summary of the books read. Assistant Professor Homer.

l. **SANITATION;** required of first-year students in the Domestic Arts Course; two hours a week during the second term. This course treats of the sanitary conditions of the home and surroundings; evil effects of damp and unclean cellars, and defective drains; heating, lighting, and ventilalation. Assistant Professor Homer.

m. **HYGIENE;** required of fourth-year students in the

Domestic Arts Course; four hours a week during the second term. Important instruction is given to the young women on the care of personal health. Assistant Professor Homer.

n. **THE SCIENCE OF NUTRITION;** required of fourth-year students in the Domestic Arts Course; four hours a week during the first term. A careful consideration of the different foods with reference to their chemical composition, nutritive value, digestibility, and the amount and kinds required by persons in different occupations and climates. Books on the subject by the best authors will be read as supplementary work. Assistant Professor Homer.

AGRICULTURAL SCIENCE.

ASSISTANT PROFESSOR MERRILL.

The courses outlined below aim to meet the growing demand for instruction in subjects that have in view the preparation of young people for industrial pursuits at the same time that they are receiving the usual intellectual development of the high school and the college. The work is thorough, and equal to similar courses in the various institutions in the West. The proprietors of the Logan Nurseries have kindly placed at the disposal of the College their extensive greenhouses, orchards, and propagating grounds for practice in horticulture and floriculture. The excellent farms and breeds of cattle, horses, sheep, and swine, owned by citizens in and near Logan furnish opportunity for practical study. In all their work, the students will be kept in close touch with the work of the Department of Agriculture at Washington, D. C. The instruction being given by persons who have had considerable experience on the farm, is of such a character that it can be put into practice.

a. **PRINCIPLES OF AGRICULTURE;** required of students in the Agricultural Course; elective to others; four hours a week throughout the year. Instruction in this course includes a general view of soils and their preparation for crops; relation of soil and air to the plants; tillage, implements and operations of tillage; soil moisture, manures. Farm crops are considered with special reference to their economic agricultural value and to the best methods of management; farm accounts. The aim of the course is to fit young men for more successful farming, and to correlate the usual college and high school subjects with practical affairs in such a way that the education received will be of the greatest use in life. Bailey's *Principles of Agriculture* is used as a text, supplemented by lectures.

b. **ANIMAL INDUSTRY;** required of students in the Agricultural, and elective in the Normal Course; five hours a week during the first term. This course gives instruction in the breeding, care, and management of horses, dairy and beef cattle, poultry, sheep and swine; the improvement of native cattle and the formation of new breeds, dairying and the care of milk; methods of creaming and churning. Principles of stock-breeding, stock-raising, and stock-judging are considered. Shaw's *The Study of Breeds,* supplemented by lectures.

c. **HORTICULTURE;** required of students in the Agricultural, and elective in the Normal Course; five hours a week during the second term. A study of the structure, habits, and growth of plants; their modification by climate, soil, and other relations; the development of cultivated plants; propagation of plants by seeds, cuttings, grafting, and budding; gardening and trucking; orchards and small fruits; planting, pruning, spraying, marketing; floriculture, and ornamental gardening. *American Horticultural Manual,* by Budd and Hansen.

d. **PRACTICAL ENTOMOLOGY;** required of students in the third year of the Agricultural Course, elective to others; three hours a week during the second term. A study of the anatomy and development of insects; those forms injurious to vegetation, especially farm, orchard, and garden pests receive special attention. Enough of the principles of classification is given to enable the student to identify the most common species. Special methods for the extermination of the most common pests are considered.

e. **FARM BUILDINGS;** required of students in the third year of the Agricultural Course; three hours a week during the second term. The designing and construction of farm buildings and implements; ventilation, and the regulation of temperature in farm buildings; care of machinery, its construction and use; the building of fences and the construction of roads.

f. **IRRIGATION AND DRAINAGE;** required of students in the Agricultural Course, and elective to others; two hours a week during the first term. This course deals with irrigation and drainage in their relation to soil culture; the various methods of performing these operations; the amount of water required by different soils and plants; the laying out and placing of a system of drains; tile drainage. Text, *Irrigation and Drainage,* by F. H. King.

g. **FIELD CROPS;** required of students in the Agricultural Course, elective to others; five hours a week during the first term. Instruction in this course includes a discussion of seeds, their selection, vitality and germination; selection of crops; rotation of crops; green manuring.

h. **PLANT BREEDING;** required of students in the fourth year of the Agricultural Course; four hours a week during the second term. In this course plants are studied in their relation to each other; variation; crossing; origin of domestic varieties; pollination. The various methods of propagation are considered.

MECHANIC ARTS.*

INSTRUCTOR LINFORD.
ASSISTANT PORTER.

a. **CARPENTRY I**; required of students in the Mechanic Asts, Course, elective to others; four hours a week throughout the year. Instruction is given in measuring, marking, sawing, planing, splicing, joint-making, mortising, dovetailing, and elementary wood-turning. Enough practical problems are assigned to illustrate the principles taught. Each student is required to make a wash-stand as a part of the final examination. Laboratory fee, $1.75 a term.

b. **CARPENTRY II**; required of students in the second year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. A course in cabinet-making and wood-turning. During the first term wood-turning will receive special attention, practice being given in the making of table legs, balusters, veranda posts, newels, etc. Laboratory fee, $2.00 a term.

c. **CARPENTRY III**; required of students in the third year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. This is essentially a course in advanced cabinet-making. Those who wish, however, to specialize in pattern-making, or in house-building will be allowed to work in these departments. Laboratory fee, $2.00 a term.

d. **CARPENTRY IV**; required of students in the fourth year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. During this year the students are allowed to work along the special lines of carpentry for which they are best adapted. Special instruction is given in wood-carving and advanced cabinet-making. Laboratory fee, $2.00 a term.

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*Articles made by the students in any of the courses of this department become the property of the College.

ART.

Assistant Professor Wright.

The educational value of art as an aid in acquiring accurate observation, in training the judgment, as well as in developing an appreciation of the beautiful and artistic, is generally recognized. In connection with other branches of education, it gives expression to thought where ordinary language would fail; particularly is this the case in the study of natural history.

Perspective, designing, decorating, illustration, and composition are taught in their proper order in the courses outlined.

a. **FREE HAND DRAWING;** required of all first-year students in the Normal and Domestic courses; two hours a week throughout the year. This course consists of pencil and charcoal drawings from plaster casts, the human figure, still-life and out-door subjects. Composition and decoration receive attention, as does also clay-modeling from plaster casts and other objects, together with such work in color as is needed in the treatment of decoration and representation. Some of the simpler problems of perspective are introduced as needed.

b. **DRAWING*;** open to any one. Drawing from plaster casts, still-life, and landscapes, with charcoal, pencil, crayon, or black water-color.

c. **MODELING;** open to anyone. Modeling from still-life, plaster casts, and life, with clay.

d. **PAINTING;** open to any one. Painting from still-life landscape, and the human head with oil or water colors.

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*An additional fee is charged for coures b, c, and d.

VOCAL MUSIC.||

ASSISTANT PROFESSOR ROBINSON.

The work in Music is arranged to meet the growing demand for musical culture, both vocal and instrumental. The work is systematic and aims to develop in the student a love of music in its fullest sense. At frequent intervals, the whole school is led in singing hymns, college and class songs. By this and other appropriate means all students are encouraged to give some thought to musical culture, as it is so necessary among the Latter-day Saints.

a. **VOCAL MUSIC I**; two hours a week throughout the year. In this course a thorough drill is given in sight reading, the training of the ear, rhythm, notation, key, relation of keys, modulation, part singing, and elementary voice colture. Instruction is given in the theory of teaching vocal music, thus making the course of special value to Normal students.

b. **VOCAL MUSIC II**; two hours a week throughout the year. This course is a continuation of course I, together with additional work such as melody writing, music forms, intervals, etc., leading to more advanced work in theory.

c. **CHOIR**; at least two practices a week, the work counting one hour towards graduation. The choir is organized to furnish music for devotional exercises and College entertainments. Thorough and efficient training is given on hymns, choruses, anthems, etc., preparing students for valuable service in their home choirs and musical circles.

In addition to the usual choir work, an oratorio, operetta, or light opera will be studied and presented.

||An additional charge is made for all courses in music except vocal music a and b and Missionary Singing.

d. **VOICE CULTURE AND SINGING;** this is a private course and is intended to give thorough training in the art of singing. Owing to the great difference in the natural ability of students, no definite course can be outlined for completion. The work will cover three years. Special attention being paid to the needs of each individual, with exercises and studies carefully selected according to the requirements of each voice. The course of instruction is based on the Italian school of training and placing the voice. Explanations will be given of the mechanism of the voice; tone production; breathing; stage presence, etc. Songs, ballads, and selections from the standard operas and oratorios are studied for interpretation, phrasing, enunciation, rhythm, etc.

VIOLIN.

PROFESSOR HARRIS.
INSTRUCTOR SMITH.

a. **VIOLIN I;** first year. Violin school by David; Studies by Schradieck and Kreutzer; easy solo pieces.

b. **VIOLIN II;** second year. David's school, studies by Fiorilli; pieces of like grade; ensemble playing.

c. **VIOLIN III;** third year. Studies by David and Rhode; easy concertos by Rhode, Kreutzer, and others; ensemble playing.

d. **VIOLIN IV;** fourth year. Studies by David, concertos by Bruch, Mendelssohn, Sophr, Wieniawski; ensemble playing.

PIANOFORTE.

PROFESSOR OLIVER.
INSTRUCTOR CURTIS

a. **PIANO I;** first year. Rhythm; keyboard; scales intervals; studies; easy pieces by Streabbog, Lichner, and others.

b. **PIANO II;** second year. Studies by Czerney, Clementi, and Kohler; pieces by Spindler, Leybach, and Moszkowski.

c. **PIANO III;** third year. Ensemble playing; sonatas by Mozart and Beethoven; pieces by classical and modern composers, with short biographies.

d. **PIANO IV;** fourth year. Diffiicult compositions by Chopin, Bach, Liszt, Mendelssohn; concertos by Hummel and Weber.

BANJO, GUITAR, AND MANDOLIN.

INSTRUCTOR PLOWMAN.

Thorough instruction on each of these instruments is given.

BAND AND ORCHESTRA.

ASSISTANT PROFESSOR ROBINSON.
INSTRUCTOR SMITH.

a. **BRASS BAND;** two practices a week, the work counting one hour towards graduation. The band is organized to furnish music for the various school entertainments, contests, games, etc. Such instruction is given as will fit young men for more efficient work in home bands at the same time assisting in a general musical education.

Students owning instruments should bring them when entering the College. Assistant Professor Robinson.

b. **ORCHESTRA**; two practices a week, the work counting one hour towards graduation. The orchestra is organized to furnish music for college entertainments and matinees, from which a sufficient amount is obtained to assist the student very materially in paying his school expenses. From among the applicants for a place, those best prepared will be selected. Instructor Smith.

PHYSICAL EDUCATION.

Assistant Professor Perry.
Instructor Kemp.

The work in the department of physical education is given with a view of properly caring for the physical and hygienic interests of the students, along with their spiritual, moral, and intellectual training. In the new gymnasium ample facilities are afforded for thorough and efficient work.

All preparatory, and first-year students in the high school courses are encouraged to devote at least two hours a week to regular work in physical culture. In addition to this, two courses are offered as optional to students beyond the first year.

Various athletic teams are organized under the supervision of the Director of the Gymnasium, and every encouragement is given to students who desire to do profitable and systematic work on the field.

Field athletics are controlled by an advisory board, consisting of the Faculty Committee on Athletics and Amusements, and one representative of the alumni, elected annually by the Alumni Association. This board advises the students in all of their sports and has charge of indoor and outdoor meets.

FOR WOMEN.

a. **PHYSICAL CULTURE I**; elective in the Preparatory Course and in the first year of high school courses; twice a week from October to May. The work consists of tactics, gymnastic exercises, based on both the Swedish and German systems, and drill with light and heavy apparatus.

b. **PHYSICAL CULTURE II**; open to those who have completed Course a, or an equivalent; two hours a week from October to May. This work consists mainly of exercises with heavy apparatus; fancy steps, marches, etc.

FOR MEN.

c. **PHYSICAL CULTURE III**; elective in the Preparatory Course and in the first year of high school courses; two hours a week of gymnasium practice from Nov. to April. This course consists of vigorous, systematic work with light and heavy apparatus in connection with games suitable for winter months.

d. **PHYSICAL CULTURE IV**; open to those who have completed course c; two hours a week from November to April. This is an advanced course in light and heavy gymnastics. Special attention is given to measurements by the Sargent system.

MISSIONARY COURSE.

INSTRUCTOR BLOOD.

a. **CHURCH HISTORY;** five hours a week during the first term. In this course a rapid survey is taken of the apostasy from the early Christian Church, its causes and extent, the religion of the Middle Ages, the reformers and their work, the ushering in of this dispensation, the coming forth of the Book of Mormon, the persecutions of the Latter-day Saints and their exodus to the Rocky Mountains. Assistant Professor Wolfe.

b. **MODERN REVELATION AND THE BOOK OF MORMON.** five hours a week during the second term. A study of the principal revelations given in this dispensation in the order of reception; also a brief account of the Book of Mormon history and teachings. Assistant Professor Wolfe.

c. **PRINCIPLES OF THE GOSPEL;** five hours a week throughout the year. A course in the Principles of the Gospel, using *The Compendium* as a guide. Considerable practice in public speaking is required in this course. Special attention is given to gospel ordinances. Instructor Blood.

d. **SCRIPTURE READING;** three hours a week throughout the year. During the first term passages for reading and study are selected from the *Old Testament.* During the second term passages from the *New Testament* are treated in a similar way. The aim of this course will be to familiarize the student with the Bible, to train him to read and explain in an intelligent manner the passages used by him in his missionary experience. Instructor Blood.

e. **SINGING;** two hours a week throughout the year. This course is intended for Missionary students; and it aims to give a good idea of time, rhythm, tune, tone production, part singing. Special attention is given to hymn, chorus, and part work. Assistant Professor Robinson.

PREPARATORY COURSE.*

a. **BIBLE READING;** three hours a week throughout the year. In this course, the teacher selects choice passages from the Bible, and the students, after studying these, read and discuss them in the class. The aim is to cultivate in students an appreciative reading of Biblical literature.

b. **ENGLISH;** five hours a week throughout the year. This course comprises a study of English Grammar and Composition, together with such related subjects as orthography and punctuation. One written exercise is required each week.

c. **ARITHMETIC;** five hours a week throughout the year. This course consists of a study of the fundamental principles of Arithmetic; decimal and common fractions; denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight, United States money; measurements; and the simpler cases of percentage.

d. **GEOGRAPHY;** three hours a week throughout the year. The subject is treated by the topical method, lectures, and text-book lessons. Numerous works of reference are placed in the library to assist the students in the preparation of their work.

e. **PENMANSHIP;** required of all Preparatory students; two hours a week throughout the year. The course in writing is systematic from beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student, an easy, rapid business handwriting is acquired. Instructor Nelson.

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*Students who complete this course will be admitted to any of the high school courses.

LIBRARY AND MUSEUM ACCESSIONS.

LIBRARY ADDITIONS.

Among those to whom the Library is indebted for books and other favors received during the year 1903-04 are Hon. Thomas Kearns, Hon. Reed Smoot, Hon. Joseph Howell, Messrs. H. A. James, A. E. Bowen, John Bench, Harper Brothers, the Class of 1903-04, the several National Departments and Bureaus at Washington, state superintendents of public instruction, and various normal schools, colleges, and universities of the United States.

PERIODICALS CONTRIBUTED.

TITLE.	WHERE PUBLISHED.	DONORS.
Box Elder News	Brigham City.	Publishers
Deseret Evening News, daily	Salt Lake City.	"
Fremont Journal	Rexburg, Idaho.	"
Improvement Era, monthly	Salt Lake City.	"
Juvenile Instructor	Salt Lake City.	"
Journal, tri-weekly	Logan.	"
Korrespondenten	Salt Lake City.	"
Nation, semi-weekly	Logan.	"
Paris Post, weekly	Paris, Idaho.	"
Republic, weekly	Nephi.	"
Rich County News	Randolph.	"
Salt Lake Herald, daily	Salt Lake City.	"
Standard, daily	Ogden.	"
Character Builder	Salt Lake City.	"
Malad Enterprise	Malad, Idaho.	"
Salt Lake Herald, daily	Salt Lake City.	"
Standard, daily	Ogden.	"

Young Woman's Journal	Salt Lake City.	“
Enquirer, daily	Provo.	“
Idaho Enterprise	Malad.	“
The Republican	Montpelier.	“
The Gold and Blue	Salt Lake City.	“
Intermountain Farmer	Preston, Idaho.	“
The Utah Posten	Salt Lake City.	“
The White and Blue	Provo.	“
The Phonographic Magazine	Cincinnati, Ohio.	“
The Free Lance	Marysvale.	“
Republican	Logan.	“
Beobachter	Salt Lake City.	“
The Vernal Express	Vernal.	“
Der Stern	Berlin, Germany.	“
The National Homemaker	Washington, D. C.	“
Louisiana Exposition Bulletin	St. Louis, Mo.	“
Our Dumb Animals	Boston, Mass.	“
Advocate of Peace	Boston, Mass.	“
The Wasatch Wave	Heber City.	“
Tooele Transcript	Tooele.	“
University Chronicle	Salt Lake City.	“
Weber County Times	Ogden.	“
The New Voice	Boston, Mass.	“

PERIODICALS FURNISHED.

TITLE.	WHERE PUBLISHED.
Atlantic Monthly	Boston.
Century Magazine, monthly	New York.
Education, monthly	Boston.
American Kitchen Magazine	Boston.
Etude	Philadelphia.
Home Needle Work Magazine	Florence, Mass
The Modern Priscilla	Boston.
Forum, monthly	New York.
Harper's Monthly	New York.
Literary Digest, weekly	New York.
North American Review, monthly	New York.
Popular Science Monthly	New York.
School Journal, weekly	New York.
Scribner's Magazine, monthly	New York.

Tribune-Farmer, weekly	New York.
World, thrice-a-week	New York.
Youth's Companion, weekly	Boston.
Review of Reviews, monthly	New York.
Success, monthly	New York.
The Critic	New York.
Good Housekeeping	Springfield.
Carpentry and Building	New York.
Woman's Home Companion, monthly	New York.
Ladies' Home Journal, monthly	Philadelphia.
Johns Hopkins University Studies	Baltimore.
Dietetics and Hygenic Magazine	New York.

DONATIONS TO THE MUSEUM.

During the past year the College Museum received the following contributions:

Tooth of Mastodon	C. C. Shaw, Hyrum, Utah
Fragments of skeletons of idols and of pottery from mounds in Montezuma County, Colo. Pottery and sandstone from cliffs in Mancos Canyon, New Mexico	W. O. Robinson, Logan
Large quartz crystal	Rufus Lamb, Plymouth
Fossil fish	H. A. Nelson, Kemmerer, Wyoming
A set of four carving tools, two having handles of wood from a French walnut tree grown in Windsor Castle Garden, felled in 1816. A piece of wood from an English beech in Hyde Park Forest, felled in 1825. One piece of the piles of the old London Bridge, English Oak, driven in the river in 1176, taken out in 1832	C. Traveler, Richmond
A cannon ball brought across the plains in 1847	John Thompson, Clarkston
Material illustrating silk culture	Phœbe Harding, Willard
A fossil tooth	G. N. Curtis, Logan
A Filipino rain-coat	Frances Wood, Logan
Wild cotton from U. S. of Columbia	Joel Ricks, Logan
Iron concretions in limestone	W. D. Cranney, Logan

ALUMNI ASSOCIATION.

The Alumni Association was organized in May, 1893. All those who hold diplomas or certificates of graduation from any of the courses of the College, and those holding special certificates for work completed in the College prior to 1890, are eligible to membership.

The object of the association is to promote in every proper way the interests of the College, and to perpetuate among the graduates a feeling of regard for one another and of attachment to their Alma Mater. The association meets annually on the day of Commencement.

OFFICERS FOR 1903-1904.

President	Evan R. Owen, '87
Vice-President	Mary E. Sorenson, '00
Secretary	George D. Cardon, '98
Treasurer	B. G. Thatcher, '89
Member of Athletic Board	Joseph E. Cardon, '94

TWENTY-SEVENTH ANNUAL COMMENCEMENT.

LIST OF GRADUATES, 1904.

ARTS COURSE.

(DEGREE OF BACHELOR OF ARTS.)

John Henry Kemp	Lewiston
Ernest William Pehrson	Logan

NORMAL COURSE.

Amy Matilda Fonnesbeck	Logan
Edward James Gibbons	Laketown
Rosabel Hall	Logan
Edgar Charles Lindsay	Nounan, Idaho
Parley Erastus Peterson	Smithfield
Edgar Monroe Wright	Bennington

ACADEMIC COURSE.

Olga Busch	Logan
David Williams Henderson	Oneida, Idaho

BUSINESS COURSE.

Joseph A. Geddes	Preston, Idaho
Joseph John Hill, Jr	Franklin
George L. Reese	Benson
Ray Shurtliff	Baker, Oregon
Alma Sonne	Logan
William Williams	Samaria

SHORT BUSINESS COURSE.

WITH SPECIAL CERTIFICATE.

James Campbell	Rosette, Idaho
Orson Anthon Christenson	Bear River City
Jefferson Charles Coffin	Downey, Idaho

LIST OF STUDENTS.

A

In the following list an abbreviation is used with the name of each student to indicate the course in which he is doing work. The accompanying figure indicates the particular year for which he is registered. These abbreviations, with their meanings, are as follows: sr, Senior; jr, Junior; so, Sophomore; fr, Freshman; c, Classical; sc, Science; n, Normal; b, Business; i, Industrial; m a, Mechanic Arts; d, Domestic; s b, Short Business; s d, Short Domestic; sp, Special; o, optional; m, Missionary; p, Preparatory; a, Academic; e, Engineering; p e, Preparatory Engineering; w, Winter Course.

Allen, William Harrison, n 1	Wellsville
Allen, Spencer Frank, b 1	Hyrum
Allen, Lenna, s d 1	Cove, Utah
Allen, Ella, s d 1	Cove, Utah
Allen, Louis Lowe, n 1	Cove, Utah
Allen, Rhoda, o 1	Hyrum
Allen, Mary Jenkins, n 2	Wellsville
Allred, Wm. Lyle, n 2	Fairview, Wyo
Allen, Charles Ephraim, m a 1	Cove, Utah
Allen, A. Ethan, n 2	Huntsville
Allen, David K., s o	Logan
Allen, James Carson, b 3	Cove, Utah
Allen, Solomon W., w	Cove, Utah

Amussen, Julia F., b 3	Logan
Ames, Archie Baxter, b 1	Wellsville
Anderson, Mary, s b 1	Huntsville
Anderson, Agda Elizabeth, n 1	Logan
Anderson, Hilda Augusta, b 3	Logan
Anderson, Ida, n 1	Bear River City
Anderson, Alfred Bert, b 1	Magrath, Canada
Ashcraft, Mary Elizabeth, n 1	Logan
Austin, Samuel Matthew, p	Liberty, Idaho
Austin, Nellie, d 2	Liberty, Idaho

B

Barron, Nora, sp 1	Logan
Balls, John Alma, b 1	Hyde Park
Barrett, Chas. Elmer, p e 3	Logan
Barber, Ida Marie, d 1	Logan
Ballard, Mary Myrtle, d 2	Logan
Baker, Olive, n 4	Mendon
Baer, Maggie May, n 3	Providence
Barrus, Emory Milton, p	Fairview, Wyoming
Ballantyne, Leona Bertha, d 1	Logan
Banks, Allen, s b 2	Sterritt, Idaho
Banks, David Albert, Jr., b 1	Sterritt, Idaho
Baker, Jesse Simon, b 1	Mendon
Baker, Edna, n 1	Mendon
Bailey, Lawrence, b 1	Logan
Barrett, Oscar, m	Mendon
Baxter, Archie, b 1	Wellsville
Baer, Joseph Richard, w	Providence
Banks, John Jarvis, w	Sterritt, Idaho
Behling, Franz, s b 2	Rockland, Idaho
Bell, May, sp 1	Logan
Benson, Eugenia, d 1	Logan
Benson, Eva, d 3	Logan
Benson, Leulla, d 1	Trenton
Benson, Afton, d 1	Trenton

Benson, Mae, sp 2	Logan
Beach, Mary Diana, b 2	Logan
Bell, George A., o	Logan
Bishop, Verna Elizabeth, d 1	Logan
Bird, Laura Jane, n 1	Pocatello, Idaho
Bitter, Chas., sr	Logan
Blanchard, Eli Davis, b 1	Logan
Blood, Wilkie H., sc 2	Kaysville
Blair, Samuel, b 3	Lewiston
Blanchard, Asael Davis, m	Logan
Blair, Seth Harvey, w	Logan
Boman, William Ariah, b 3	Lewiston, Utah
Bohne, Edna, s d 1	Cardston, Canada
Bowen, John David, m	Arbon, Idaho
Brown, James Frederick, b 1	Fairview Wyoming
Bradshaw, Luella W., n 1	Wellsville
Bradshaw, Robert Leatham, m	Wellsville
Brizzee, Henry Willard, m	Independence, Idaho
Bradshaw, Benjamin B., w	Virgin City, Utah
Brown, Hugh, m	Cardston, Canada
Busch, Emelia E., s d 1	Logan
Budge, Ellen A., d 2	Paris, Idaho
Burnham, Mary Louise, d 2	Logan
Busby, Letitia Elizabeth, d 2	Logan
Burnham, Lelia, s d 2	Logan
Burnham, Luther Charles, d 2	Richmond
Bullen, Asa, e p 2	Richmond
Busch, Olga Louisa, n 4	Logan
Buttars, Rachel Bethear, d 1	Clarkston
Burnham, Nora Tamson, s b 2	Salt Lake City
Buttars, David W., p	Clarkston
Buttars, Daniel David, b 2	Clarkston

C

Card, Abigail Jane, o 2	Logan
Carlson, John Albin, p	Benson

Campbell, Irene, s d 1	Providence
Card, Zina Young, d 1	Logan
Catmull, Mary Ann, n 2	King
Campbell, James, s b 2	Rosette, Utah
Card, Pearl, d 3	Logan
Cardon, Phillip Vincent, m a 1	Logan
Cardon, Guy Orson, m a 1	Logan
Campbell, Kenneth Roland, w	Providence
Cardon, Bartlie Temple, w	Logan
Christenson, Samuel, b 2	Hyde Park
Chadwick, Chas. Frederick, n 2	Dayton, Idaho
Christensen, David, b 1	Hyrum
Christensen, Eugene, d 1	Newton
Christensen, James Wm., s b 2	Newton
Christensen, Orson, s b 2	Bear River City
Chambers, Parley Calvin, o	Smithfield
Chantrill, William, p	King
Chugg, Nora, d 1	Providence
Chugg, Ezra Albert, w	Providence
Clark, Melva, p	Logan
Clark, John Roland, b 1	Clarkston
Clawson, Elsie, s b 1	Morgan
Clark, Ernest Ephraim, n 1	King
Cooley, Arthur, p e 1	Newton
Cole, Lettie Ann, n 2	Logan
Cole, Bessie, b 2	Logan
Cole, Cora, n 3	Logan
Cook, Lydia Luetta, d 3	Garden City, Utah
Cooper, Anis Reeder, n 1	Wellsville
Coffin, Jefferson Chas., s b 2	Downey, Idaho
Corbridge, Carrie Edith, o 2	Layton
Cole, Mamie, sp 3	Logan
Coburn, Ivy, n 1	Wellsville
Coffin, Mattie, o 1	Downey, Idaho
Cooley, Ezra Hazen, w	Newton
Collings, Lizzie, sp	Paris, Idaho
Cranney, Vera, n 1	Logan

Cranney, Viva, n 2	Logan
Crookston, Annie, w	Logan
Curtis, Zeeta, n 4	Logan
Curtis, George N., so	Logan
Cutler, Sylvia Savonia, o 1	Franklin, Idaho

D

Darley, Elizabeth T., d 1	Wellsville
Darley, Sarah Gunnel, d 1	Wellsville
Dahle, Ernest Edwin, b 2	Logan
Davenport, Earl R., b 1	Hood River, Oregon
Davenport, Ona R., b 1	Hood River, Oregon
Davis, Woodwell Williams, b 1	Samaria, Idaho
Daines, Franklin David, so	Hyde Park
Daines, Lyman L., so	Hyde Park
Dahle, Moses M., s b 2	Rigby, Idaho
Darley, Henry Triskell, m	Wellsville
Dean, Julia, o 2	Woodruff, Utah
Dent, Arthur Jay, b 1	Lewiston, Utah
Dewey, John Cyrus, b 1	Fairview, Wyoming
Dixon, Sabra Almeda, s b 1	Afton, Wyoming
Dopp, Hyrum, b 3	Lewiston, Utah
Dopp, Charles Henry, b 1	Lewiston, Utah
Drysdale, Susie, b 1	Logan
Driscoll, Frank Reuben, w	Pocatello, Idaho
Dudley, DeVere Snow, p e 1	Willard
Dunn, Eliza Jane, n 1	College
Dudley, Joseph Smith, m a 1	Willard
Dudley, Florence Irene, n 2	Clifton, Idaho
Dunn, Charles Welch, b 3	College
Dunn, Oscar Smith, c 2	College
Durfee, Olive A., sp 3	Logan
Durrant, Robert James, n 1	Morgan
Durfey, Francillo, w	Collinston

E

Edwards, Wm. Lewis, b 2	Logan
Egbert, Anna Rebecca, sp 2	Lewiston
Ellingford, Daniel Chas., b 3	Morgan
England, Wm. Chas. n 1	Logan
England, Ada Eliza, n 3	Logan
Erickson, Ephraim E., n 3	Preston, Idaho
Erickson, Alma, n 3	Preston, Idaho
Evans, David Rece, n 1	Malad, Idaho
Evans, William, Jr., b 1	Logan
Evans, Elias, w	Logan

F

Fawns, William David, b 1	Raymond, Canada
Farr, Ivy, d 1	Logan
Farr, Atherton, b 1	Logan
Facer, Joseph E., m a 1	Cherry Creek, Idaho
Farr, Persis, o 3	Logan
Fisher, Lorena Josie, b 2	Richmond
Fife, Louis, w	Providence
Fonnesbeck, Amy Matilda, n 4	Logan
Fuhriman, Minerva, s d 1	Providence
Fuhriman, Arnold Jacob, b 2	Providence
Fullmer, DeWitt Collins, w	Logan

G

Gardner, Janet Adell, s b 1	Afton, Wyoming
Gardener, Lillian, o 2	Montpelier, Idaho
Garr, Hazel, d 1	Millville
Gardner, George, i 2	Pine Valley, Utah
Gabrielson, Hans M., Jr., m	Logan
Garn, Mahala, d 1	Fielding, Utah
Garn, Nathaniel, s b 1	Fielding, Utah
Garn, Rose, w	Fielding, Utah

Geddes, Jos. Arch, b 4	Preston, Idaho
Gessel, Clara Elizabeth, n 2	Providence
Gessel, Emil, w	Providence
Gibbons, Edward James, n 4	Logan
Gibby, William R., o 2	Morgan
Glover, Lelila Aldine, n 1	Lewiston
Goodliffe, Lilly, w	Snowville, Utah
Godfrey, Joseph Adam, w	Clarkston
Grow, Issac, n 3	Huntsville
Griffiths, William Heggie, sc 2	Clarkston
Griffiths, Lavon, n 2	Clarkston
Greenhalgh, Mabel, s d 1	Bloomington, Idaho
Gregory, Thomas Joseph, b 2	Cove, Utah
Gregory, Amy Lea, b 2	Cove, Utah
Gray, Sarah, w	Perry, Idaho

H

Hanson, Elevia Enettia, o 1	Aetna, Canada
Hanson, Violet Selinda, o 1	Aetna, Canada
Hammer, Ruthven J., o 2	Smithfield
Harris, Ruby, s d 1	Benson
Hatch, Georgia Vivian, o 1	Logan
Hatch, Hyrum Ezra, b 1	Franklin, Idaho
Haws, Athalia, sp 2	Logan
Hammond, David Darrel, b 2	Millville
Halling, Wilford Merrill, s b 1	Mantua, Utah
Halling, Elvina Carolina, o 2	Mantua, Utah
Hatch, Blanche, sc 1	Franklin, Idaho
Hammond, Estus N., b 1	Millville
Hammond, Ivie Gerturde, n 3	Millville
Haws, Nathaniel Wilford, m a 1	Logan
Hadfield, Violet, o 1	Smithfield
Hall, Ernest Mosiah, so	Logan
Harrison, Herbert, Henry, b 2	Richmond
Hardman, Floyd, p	Mendon
Harding, Charles, p e 1	Morgan

Harris, Ethel, d 2	Cove, Utah
Harris, Frank Weaver, s b 1	Cove, Utah
Hanson, Edward Blair, sc 4	Logan
Hardy, Bessie Skidmore, d 1	Sterling, Canada
Hall, Rosabel, n 4	Logan
Harding, George, n 3	Willard
Hammond, Levi Nephi, b 1	Providence
Haws, Frances Orlin, b 1	Elwood, Utah
Hall, Warren Elmer, n 2	Garland, Utah
Hale, Frank Benjamin, s b 1	Perry, Idaho
Hammond, Lorenzo Edwin, w	Providence
Harris, Cloe Alta, w	Dubois, Idaho
Harrison, Harold Roy, m	Auburn, Wyoming
Hanson, Seth Alfred, w	Logan
Hansen, Carrie Camille, w	Logan
Henderson, Louis E. W., n 1	Oneida, Idaho
Henderson, Albert Gideon, n 1	Robin, Idaho
Hendricks, Edith Maud, n 3	Richmond
Hendricks, Odessoe Lapreal, n 1	Lewiston
Henderson, David Williams, a 4	Oneida, Idaho
Hendricks, Mary Lalene, d 3	Lewiston
Henderson, John Henry, n 2	Clifton, Idaho
Henderson, Arminta, o 2	Clifton, Idaho
Henderson, Rebecca, o 3	Oneida, Idaho
Hendricks, Marian, sp	Logan
Henderson, Lilly, w	Robin, Idaho
Hill, John, p	Logan
Hill, Bessie Stoddard, n 1	Wellsville
Hind, Joseph, b 2	Smithfield
Hill, George Washington, b 1	Franklin, Idaho
Hill, Agnes Jane, n 2	Franklin, Idaho
Hill, Ethel Amanda, n 2	Franklin, Idaho
Hillyard, Inez Theressa, o 2	Smithfield, Utah
Hill, Joseph John, b 4	Franklin, Idaho
Hill, Cora May, w	Wellsville
Howell, Mary Melvina, p	Woodruff, Idaho
Howell, Thomas Leslie, p	Woodruff, Idaho

Hobson, Gertrude, n 1	Logan
Howell, Barbara Maud, n 1	Logan
Hogan, Bergetta, sp 1	Thatcher, Idaho
Hogan, Harriet Lovina, o 2	Smithfield, Utah
Homer, Alfred Raymond, b 3	Poplar, Idaho
Hovey, Merlin Ross, b 2	Millville
Hovey, Angus Ray, b 2	Millville
Hodges, Nathaniel Morris, n 1	Garden City, Utah
Hodges, Susanna, d 1	Garden City, Utah
Hobbs, Emma, d 2	Raymond, Canada
Hurd, Sarah Elizabeth, d 1	Afton, Wyoming
Hulme, John Phillip, n 2	Bloomington, Idaho
Humphreys, Chas. Elmer, w	Millville
Hyer, Andrew Wm., i 2	Lewiston
Hyer, Orson Urben, m a 1	Lewiston

J

James, Luella, n 1	Logan
Jacobs, Stella May, b 1	Salem, Idaho
Jackson, William H., b 3	Lewiston
Jardine, James Heggie, w	Clarkston
Jensen, Cleo, n 1	Geneva, Utah
Jensen, Myrtle Anna, n 1	Geneva, Utah
Jensen, Jorgen, b 1	Fairview, Wyoming
Jenson, Clara Marie, s b 1	Logan
Jensen, Elijah, s b 1	Geneva, Utah
Jeppson, Lillian, sp 2	Millville
Jensen, Frank Leroy, sp 2	Logan
Jenson, Joseph, n 3	Millville
Jenkins, Wm. Clayton, b 3	Logan
Jenson, Ella Louise, s d 2	Logan
Jensen, Osey, b 1	Brigham
Jensen, Ralph Ernest, p e 3	Brigham
Jensen, Victor James, s b 1	Hyrum
Jenkins, William, m	Samaria, Idaho
Jones, James Bywater, n 1	Malad, Idaho

Jorgensen, Stella, d 1 .... King
Johnson, Wilford Oliver, b 2 .... Logan
Johnson, Carl Brigham, n 1 .... Richmond
Jorgensen, Carrie, s d 2 .... Logan
Jones, Thomas, n 1 .... Malad, Idaho
Jorgensen, Wilford, s b 2 .... Logan
Johnson, Andrew Anton, b 2 .... Richmond
Jonsson, Carl W., sc 3 .... Logan
Johnson, Eric, n 1 .... Wilford, Idaho
Johnson, George L., n 3 .... Brigham
Johnson, Elsworth M., n 1 .... Laketown, Utah
Johnson, Chester Kearl, n 3 .... Laketown, Utah
Jones, Walter M., n 3 .... Wellsville
Johnson, Leo, Vivian, m .... Downey, Idaho
Johnson, Lawrence Burton, n 1 .... Laketown, Utah
Jones, John Morse, m .... Wellsville
Jorgensen, Nocholi, m .... Hyrum
Jorgensen, Elmer Hans, w .... King, Utah

K

Kent, Maggie, n 1 .... Lewiston
Kerr, Mary O., d 1 .... Wellsville
Kewley, Ray Mabel, n 3 .... Logan
Keller, Varian, n 1 .... Geneva, Utah
Kennedy, Andrew Benjamin, b 3 .... Peterson, Utah
Kemp, John Henry sr .... Logan
Kendrick, Ernest, w .... Providence
Kimball, Bertha Prudence, d 1 .... Rigby, Idaho
Kimball, Leroy Winder, m .... Logan
Kloepfer, Mary Louise, o 2 .... Providence
Kutterer, John George, m .... Lund, Idaho

L

Larson, Mabel, d 1 .... Logan
Larsen, Almeda, s d 1 .... Cove, Utah

Larkin, Cora Genevieve, b 2	Cove, Utah
Larsen, Lillian, n 1	Weston, Idaho
Larsen, Louis William, n 3	Cove, Utah
Larson, Wm. Harmon, i 3	Logan
Larsen, Effie Cecelia, n 2	Hyrum
Larsen, William Henry, sp 3	Logan
Larsen, David, w	Cove, Utah
Lee, Orville Leonard, b 1	Hyde Park
Leishman, Polly Jean, s b 1	Logan
Lewis, Vinetta, b 1	Logan
Leatham, Mary, s b 2	Lima, Mont
Lemmon, Adelia, s b 2	Mendon
Leatham, Maud, n 2	Wellsville
Leatham, Mabel, n 1	Wellsville
Lindsay, Warren LeRoy, n 2	Nounan, Idaho
Liljenquist, Katie, o 1	Hyrum, Utah
Lindsay, Edgar Charles, n 4	Nounan, Idaho
Lloyd, Norman, b 2	Logan
Low, Sylvester Charles, n 2	Smithfield
Loveland, David Chauncey, n 3	Logan
Lowe, Seth Millington, w	Providence

M

Matkin, John Wilkes, b 1	Hyde Park
Maughan, Jennie B., o 3	Wellsville
Maughan, Wm. Harrison, n 1	Wellsville
Maughan, Inez, o 1	Logan
Maughan, Lavinia, o 1	Logan
Mathias, Ada, n 2	Brigham
Merrill, Leon Ernest, b 1	Richmond
Merrill, Abigail Orella, d 1	Richmond
Merrill, Elna, s d 1	Richmond
Merrill, Nellie Maria, s d 1	Richmond
Meyer, Anna Emma, sp	Logan
Merrill, Eva, s d 1	Trenton
Merrill, Lois Eliza, s d 1	Trenton

Merrill, Jeddie, b 3 .... Bennington, Idaho
Merkley, Nathaniel, b 2 .... St. Charles, Idaho
Merrill, Sarah Ann, sp .... Richmond
Merrill, Alma Lowell, i 1 .... Richmond
Mecham, Lyman, Jr., w .... Morgan
Mitton, John Henry, b 1 .... Paradise
Miles, Edwin, b 3 .... Smithfield
Miles, Mary Icavinda, d 1 .... Peoa, Utah
Moffatt, David K., c 1 .... Logan
Morrell, Winnifred, d 1 .... Logan
Morrell, Margaret, d 2 .... Logan
Morrison, John Alfred, n 4 .... Franklin, Idaho
Morrell, Joseph, o 3 .... Logan
Morris, Jennie, b 1 .... Rockland, Idaho
Moffatt, Malinda Jenette, o 1 .... Smoot, Wyoming
Moses, Wilford Newton, b 3 .... Smithfield
Morrison, George Leo, m .... Franklin, Idaho
Mouritzsen, Andrew Christian, w .... Logan
Munk, Vida, s d 1 .... King
Murdock, Jennie, s d 1 .... Logan
Myers, Roy, n 1 .... Minersville
McClellan, Raymond, p .... Dempsey, Idaho
McKenzie, Rose, w .... Logan

N

Nebeker, Eva Magdalena, sc 2 .... Logan
Neddo, Hannah Pearl, n 3 .... Providence
Nelson, Robert Peter, n 2 .... Leorin, Idaho
Nelson, George Hyrum, n 1 .... Leorin, Idaho
Nelson, Jesse Hans, n 2 .... Ammon, Idaho
Nelson, Hyrum Carl, m .... Preston, Idaho
Nelson, James, b 1 .... Logan
Nelson, Sylvanus, o 1 .... Smithfield
Nelson, James William, m .... College
Nibley, Annie, d 1 .... Logan
Nielson, John Alma, p e 3 .... Logan

Nish, Bertha Evaline, n 1	Clarkston
Nish, William Richard, n 1	Clarkston
Nielson, Alfred, sc 2	Morgan
Nibley, Julia, d 3	Logan
Nielson, John Willard, sp	Logan
Noble, Maggie, n 1	Smithfield
Nuttall, Thomas Edward, m	College

O

Ormsby, Verona Inez, d 1	Logan
O'Rell, Charles LeRoy, s b 1	Hyrum
Ormsby, Sybil May, s b 2	Logan
Ostlund, Jeanette, n 3	Logan

P

Parker, Violet Cooper, d 1	Wellsville
Parker, Nancy Henry, d 1	Wellsville
Paull, Laura Dean, s b 1	Logan
Partington, Rebecca, s d 2	Logan
Parkinson, Mark Taggart, s b 1	Logan
Parkinson, Fred Benson, s b 1	Logan
Parkinson, Nettie Smart, o 3	Franklin, Idaho
Parkinson, Eva Smart, o 3	Franklin, Idaho
Parkinson, Susa sp	Franklin
Payne, Jos. Richard, p	Kaysville
Parry, Vaughan, o 3	Logan
Parker, Willard Henry, m	Wellsville
Paulson, Sophia, w	Logan
Peterson, John O., b 2	Logan
Peterson, Eliza, n 1	Logan
Peterson, Ella, n 2	Huntsville
Peterson, Olga, b 2	Huntsville
Peterson, Alonzo Hyrum, b 2	Geneva, Utah
Peterson, Parley Erastus, n 4	Smithfield
Pehrson, E. W., sr	Logan

Peters, William, n 2	Perry, Utah
Perry, George, s b 1	Perry, Utah
Peart, Marriner Wilford, p	Logan
Pearce, Clarissa, d 1	Paradise
Pearce, Thos, Joseph, Jr., m	Paradise
Pitkin, Ethel, o 2	Millville
Pond, Flora, o 1	Thatcher, Idaho
Pond, Lewis Austin, b 1	Thatcher, Idaho
Poulsen, Anna, s b 2	Lewiston
Pond, Harriet A., s d 2	Lewiston
Porter, Frank, b 3	Logan
Preston, Lizzie Louise, b 2	Weston, Idaho
Priday, Ella Tripena, n 1	Logan
Preston, Lorin W., b 3	Weston, Idaho
Purser, Alma Frank, p	King, Utah

Q

Quinney, Myrtle, o	Logan

R

Raymond, Vane, s b 1	Smithfield
Rasmussen, Aaron Frederick, n 2	Clarkston
Rasmussen, Mary, n 1	Clarkston
Richards, Thomas W., b 1	Malad, Idaho
Richards, Jennie, n 3	Mendon
Richards, Marilla, n 3	Mendon
Ricks, Jennie, d 1	Benson
Riggs, Lillie Mae, n 1	Millville
Rich, Abel Sargent, a 3	Paris. Idaho
Rich, Jesse Pomeroy, a 3	Paris, Idaho
Richards, Emer, b 3	Mendon
Rich, Ethel May, sp 3	St. Charles, Idaho
Ririe, James Alfred, n 1	Magrath, Canada
Ririe, Joseph Wm., o 1	Magrath, Canada
Ririe, Annie Louise, d 1	Magrath, Canada

Rich, Richard Henry, w	Morgan
Rich, Henry James, w	Morgan
Rich, Emeline Brough, w	Porterville, Utah
Roskelley, LeRoy, sp 2	Smithfield
Rozsa, Irma, s d 1	Logan
Roberts, Cora, n 1	Minersville, Utah
Roberts, Daniel, n 1	Minersville, Utah
Roskelley, Charles Ora, p e 2	Smithfield
Robinson, Frank Carlo, p	Logan
Robinson, Harvey Frederick, p e 1	Logan
Rouche, Leo Delbert, sc 3	Millville
Roundy, Rebecca May, n 2	Benson
Roundy, John Wesley, b 2	Benson
Robbins, Myron Wilford, p	Snowville, Utah
Reese, Mary Naoma, n 2	King
Reese, Anna Eliza, n 2	King
Reese, George LeRoy, b 4	Benson
Reed, Benjamin John, p e 1	Smithfield
Reese, Noah Ether, w	Dempsey, Idaho
Reddish, Arthur, Richard, w	Pocatello, Idaho
Ryberg, Eric, Wm., w	Logan
Rich, Zula, n 4	Paris, Idaho

S

Scarborough, Esrom Foster, n 1	Franklin, Idaho
Schneider, Hyrum, sc 3	Logan
Scrowther, Leslie, p e 1	Smithfield
Scott, Arthur Leroy, m	Millville
Shaw, Bessie Harrison, sp 2	Logan
Shurtliff, Edith, o	Logan
Shaw, Paul, p	Logan
Shurtliff, Lorenzo Jay, p	Logan
Shurtliff, Ray, b 4	Baker City, Oregon
Shumway, Wm., b 1	Clarkston
Skolfield, Jennie Manning, n 1	Denver, Colo
Skidmore, Rosina Marinda, n 2	Richmond

Smith, Ella Frances, n 2	Logan
Smith, Marietta, s d 1	Benson
Smith, Martha Wright, b 1	Logan
Smith, Nellie Wright, n 1	Logan
Smith, Geneva, b 1	Logan
Smith, LaVon, n 1	Smithfield
Smith, Mary Aeone, d 1	Providence
Smith, Sarah Sophia, n 3	Richmond
Smith, Letha, d 2	Logan
Sorenson, Soren Peter Andrew, s b 1	Blackfoot, Idaho
Sonne, Nora, n 1	Logan
Sorenson, Nels Louis, b 2	Lago, Idaho
Sorenson, J. P., Jr	Logan
Sonne, Alma, b 4	Logan
Sorenson, Alma Nicholas, w	Mendon
Spongberg, Thomas, sr	Preston, Idaho
Stewart, Agnes Matilda, b 3	Logan
Stowell, Vesta Minerva, n 3	Logan
Stewart, Royal Angus, p	Logan
Stephens, Amos Russell, b 2	Bennington, Idaho
Stock, Ida Susie, a 3	Kemmerer, Wyoming
Stock, Inez Jane, n 3	Kemmerer, Wyoming
Stowell, Ann Jeanette, d 3	Logan
Stuart, Oliver R., b 1	Morgan
Stephenson, Alice May, n 1	Mapleton, Idaho
Stephenson, Susie Marie, n 1	Mapleton, Idaho
Stirland, Eliza Ann, b 1	Providence
Stoddard, Duncan, w	Downey, Idaho
Swensen, Annie Maria, d 1	Hyde Park

T

Tarbet, Lila, s d 1	King
Taylor, Mary Ann, b 1	Bellevue, Idaho
Taylor, Lehonea, n 1	Bellevue, Idaho
Thatcher, Louise, d 1	Logan
Thomas, Albert, b 1	Samaria, Idaho

Thompson, Albert Henry, s b 1	Richmond
Thompson, Nels Oliver, s b 1	Richmond
Thomason, Olga Elydia, n 2	Logan
Thurman, Charles Alvin, m	Grover, Wyoming
Thatcher, Edgar Balif, m	Logan
Thomas, Estella, n 1	Preston, Idaho
Thurman, Ray Stewart, w	Grover, Wyoming
Thompson, John Alfred w	Clarkston
Thoreson, Ingwald Eugene, m	Logan
Titensor, May, d 1	Bedford, Wyoming
Tripp, Guy Ernest, c 2	Richmond

V

Vernon, Fanny Maughan, sp	Logan
VanOrden, Willard Leroy, p	Lewiston

W

Walters, Chester Conrad, n 1	Honeyville
Walters, Ida Kerr, n 1	Wellsville
Walton, Edwin Albert, b 2	Pocatello, Idaho
Wangsgard, William, m a 2	Huntsville
Wangsgard, David, n 3	Huntsville
Waite, Appie Leo, n 3	Hyde Park
Watkins, Joseph Hammond, Jr., sc 2	Collinston
Ward, George Henry, p	Bloomington, Idaho
Watkins, Aurilla, n 2	Brigham City
Walters, Mrs. Jane, n 1	Logan
Walton, Joseph Henry, Jr., m	Auburn, Wyoming
Walters, Thomas Poppleton, w	Wellsville
Weston, Annis Elizabeth, d 1	Laketown, Utah
Weston, Benjamin, m a 1	Laketown, Utah
Wells, Hugh Nelson, p	Woodruff, Idaho
White, Lelia May, n 2	Logan
Whitehead, William J., p	Franklin, Idaho
White, Charles Alfred, b 1	Morgan

White, John Fife, w..........................Perry, Utah
Williamson, Ruby Maughan, n 1..............Wellsville
Williamson, Mary Maughan, n 1...............Wellsville
Wilson, Ethel Rebecca, n 1...............Blackfoot, Idaho
Wilcox, Eldon Adam, p.........................Logan
Wilcox, Mary M., d 1............................Logan
Wilcox, Edna, s b 1.............................Logan
Williamson, Effie Adelia, sp 3...........St. Charles. Idaho
Williams, Ida Elvira, d 1.......................College
Wilson, Enoch Albert, m p..............Riverside, Idaho
Wilson, Arthur E., w...................Blackfoot, Idaho
Wilson, Howard, w..............................Logan
Williams, William, b 4..........................Benson
Woolley, Ellen, p................................Logan
Woolley, Frank Benjamin, Jr., n 1.................Logan
Worley, Wm. Ray, b 1............................Logan
Worley, Alice LaVerne, n 3.......................Logan
Woodland, Pearl, n 1...................Downey, Idaho
Woodland, Daniel P., n 3.................Downey, Idaho
Wood, Heber, p...............................Mendon
Woodward, John Baugh, m...................Wellsville
Wright, Cyril James, b 1................Franklin, Idaho
Wright, Edgar Monroe, n 4...........Bennington, Idaho
Wright, Sarah Luella, s b 1...........Bennington, Idaho
Wright, Norris Bert, m........................Hyrum

Y

Yancey, Emron, s b 1...................Blackfoot, Idaho
Yancey, James Henry, s b 1.............Blackfoot, Idaho

Z

Zollinger, Aaron Arthur, w..................Providence

SUMMARY OF STUDENTS.

Seniors	4
Juniors	1
Sophomores	5
Freshmen	18
Third Year	77
Second Year	122
First Year	284
Missionary Students	28
Preparatory Students	27
Special Students	68
Optional Students	4
Training-School Students	97
Summer School Students	47
Total	782

PROGRAMME OF RECITATIONS.

In small classes the time of recitation may be changed to suit the convenience of students.

Subject—Days.	Sec	Rm	Hour	Instructor.
Apostolic Age*, M.,T.,Th.,F.	1	1	11	Professor Chamberlin.
Apostolic Age*, M.,T.,Th.,F.	2	15	11	Professor Hall.
Apostolic Age*, M.,T.,Th.,F.	3	4	11	President Linford.
Algebra I, Daily...........	1	8	1	Instructor Kemp.
Algebra I, Daily...........	2	8	9	Instructor Kemp.
Algebra I, Daily...........	3	6	9	Professor Skidmore.
Algebra I, Daily...........	4	6	1	
Algebra I, Daily...........	5	2	1	Instructor Peterson.
Algebra I, Daily...........	6	8	10	Instructor Kemp.
Agriculture, M., T., Th., F...		L.3	9	Professor Merrill.
Animal Industry‖..........			!	Professor Merrill.
Algebra II* M., T., Th., F...		6	2	Professor Skidmore.
Algebra III, ‖..............		6	!	Professor Skidmore.
Arithmetic, Prep., Daily....		2	9	
Art Needle Work, T........		E.7	12—2	Professor Hubbard.
Art of Nursing.............		26	!	Professor Homer.
Book of Mormon, Daily.....	1	2	11	Instructor Peterson.
Book of Mormon, Daily.....	2	6	11	Professor Skidmore.
Book of Mormon, Daily.....	3	26	11	Professor Merrill.
Book of Mormon, Daily.....	4	8	11	Instructor Kemp.
Book of Mormon, Daily.....	5	9	11	Professor Wolfe.
Book of Mormon, Daily.....	6	3	11	Professor Robinson.
Business Corres., T., Th.....	1	5	1	Professor Bowen.
Business Corres., T., Th.....	2	4	3	Instructor Snow.
Bible Reading, Prep., Daily.		E.4	11	Instructor Card.
Bookkeeping I, M., W., F...		E.6	2—4	Instructor Blood.
Bookkeeping & Bnkg., Daily		E.6	2—4	Professor Bullen.
Botany I, Lab., T., Th......	1	L.3	2—4	Professor Merrill.
Botany I, Lab., M., W... ..	2	L.3	2—4	Professor Merrill.
Botany I, Lab., T., Th......	1	L.3	2—5	Professor Merrill.
Botany I, Lab., M., W.....	2	L.3	2—5	Professor Merrill.

* Second Term.

‖ First Term.

! Hours to be arranged.

Subject—Days.	Sec	Rm	Hour	Instructor.
Classics, Daily	1	12	10	Professor Vernon.
Classics, Daily	2	10	1	Instructor Blood.
Classics, Daily	3	5	10	Professor Bowen.
Church Hist. & Doc., Daily..		11	11	Professor Miller.
Church Hist.—Miss., Daily.		9	2	Professor Wolfe.
Carpentry I, M., T., Th., F...	1	S.2	1	Instructor Linford.
Carpentry I, M., T., Th., F...	2	S.2	8	Instructor Linford.
Carpentry I, M., T., Th., F...	3	S.2	3	Instructor Linford.
Carpentry II...............		S.2	!	Instructor Linford.
Carpentry III..............		S.2	!	Instructor Linford.
Carpentry IV..............		S.2	!	Instructor Linford.
Com'l. Law, M., W., Th.....		10	9	Professor Bullen.
Com. & Trans., T., W., F...		10	12	Professor Bullen.
Cooking I, M., W., F.......	1	26	10	Professor Homer.
Cooking I, M., W., F.......	2	26	10	Professor Homer.
Cooking I, M., W., F.......	3	26	10	Professor Homer.
Cooking I., Lab., M., W.....	1	E.2	9—11	Professor Homer.
Cooking I, Lab., T., Th.....	2	E.2	2—4	Instructor Morrell.
Cooking I, Lab., M., W.....	3	E.2	2—4	Instructor Nibley.
Cooking II, Lect., M. W....		26	1	Professor Homer.
Cooking II, Lab., T., Th.....		E.2	9—11	Professor Homer.
Civil Government, Daily....		11	9	Professor Miller.
Chemistry I ||, M., W., F...		Lb.1	8	Instructor Kemp.
Chemistry I, Lab., T., Th...		Lb.1	2—4	Instructor Kemp.
Chemistry II		Lb.1	!	Instructor Kemp.
Cutting and Fitting, M.,W.,F.	1	E.7	12—2	Professor Hubbard.
Cutting and Fitting, M.,W.,F.	2	E.8	2—4	Instructor Morrell.
Cutting and Fitting, M.,W.,F.	3	E.7	8—10	Instructor Hendricks.
Dressmkg. Lab., M.,T.,Th.,F.	1	E.7	2—4	Professor Hubbard.
Dressmkg. Lab., M.,T.,Th.,F.	2	E.8	9—11	Professor Hubbard.
Dressmkg. Lect., W........	1, 2	E.4	10	Professor Hubbard.
Elocution I, T., Th.........	1	4	2	Instructor Snow.
Elocution I, M., W........	2	4	2	Instructor Snow.
Elocution II			!	
Entomology		Lb.3	!	Professor Merrill.
English Literature, Daily...	1	12	11	Professor Vernon.
English Literature, M.,W.,F.	2	12	9	Professor Vernon.
English, Prep., Daily......		12	1	

|| First Term.

! Hours to be arranged.

Subject—Days.	Sec	Rm	Hour	Instructor.
English, Short Story......		12	1	Professor Vernon.
English, Elective		12	!	Professor Vernon.
English Hist., M., T., W., Th.		11	10	Professor Miller.
European Hist.||, M.T.W.Th.		12	10	Professor Miller.
French I, M., T., Th., F....		3	2	Instructor Glardon.
French II, M., T., Th., F...		3	1	Instructor Glardon.
French III, ...		3	!	Instructor Glardon.
Fruit wrk. 1st 1-3yr. Lb.,T.Th		26	10	Professor Homer.
Fruit wrk. 1st 1-3yr. Lb.,T.Th		E.2	9—11	Professor Momer.
Freehand Drawing, Daily...	1	7	3	Professor Wright.
Freehand Drawing, Daily...	2	7	1	Professor Wright.
Freehand Drawing, Daily...	3	7	2	Professor Wright.
Farm Buildings		L.3	!	
Forge Work, M. T. Th. F...	1	S.1	2—4	Instructor Johansen.
Forge Work, M. T. Th. F....	2	S.1	9—11	Instructor Johansen.
Grammar, Daily............	4	4	9**	Instructor Snow.
Grammar, Daily	5	4	10	Instructor Snow.
Grammar, Daily	6	4	1	Instructor Snow.
German I, M. T. Th. F.....		3	3	Instructor Glardon.
German II, M. T. Th. F.....		3	10	Instructor Glardon.
German III		3	!	Instructor Glardon.
Greek		1	!	Professor Chamberlin.
Geometry, Plane, M. W. F..	1	6	12	Professor Skidmore.
Geometry, Plane, M. W. F..	2	6	10	Professor Skidmore.
Geometry, Solid,* M.T.Th.F		6	2	Professor Skidmore.
Geology I,* Daily..........		9	8	Professor Wolfe.
Geology II		9	!	Professor Wolfe.
Geography—Prep., M. W. F.		8	2	
Household Economics, T.Th		26	3	Professor Homer.
Horticulture*		L.3	!	Professor Merrill.
Hist. Orient & Greece,|| Dly.		11	8	Professor Miller.
History of Rome,* Daily....		11	8	Professor Miller.
Hygiene		26	!	
History—Elective		11	!	Professor Miller.
History, American, Daily...		11	9	Professor Miller.

|| First Term.

* Second Term.

**This Section will meet at 8 o'clock in Classics during the Second Term

! Hours to be arranged.

Subject—Days.	Sec	Rm	Hour	Instructor.
Irrigation and Drainage....		L.3	!	
Dietetics, last 1-3 yr., Lect..		26	!	Professor Homer.
Dietetics, last 1-3 yr., Lab...		E.2	!	
Life of Christ, Daily........	1	4	11	President Linford.
Life of Christ, Daily........	2	1	11	Professor Chamberlin.
Life of Christ, Daily........	3	15	11	Professor Hall.
Latin I, M.T.Th.F..........		1	8	Professor Chamberlin.
Latin II, M.T.Th.F.........		1	3	Professor Chamberlin.
Latin III		1	!	Professor Chamberlin.
Mechanical Drawing, W....		6	2—4	Professor Skidmore.
Mechanical Drawing, F.....		6	3—5	Professor Skidmore.
Mathematics—Elective		6	!	Professor Skidmore.
Old Testament, M.W.F....	1	1	12	Professor Chamberlin.
Old Testament, M.W.F....	2	15	12	Professor Hall.
Pedagogy, M.T.W.F........		15	9	Professor Hall.
Physiography, M.W.F.	1	9	9	Professor Wolfe.
Physiography, M.W.F.	2	2	10	Instructor Peterson.
Physiography, M.W.F.	3	..2	2	Instructor Peterson.
Physiography, M.W.F.	4	9	10	Professor Wolfe.
Penmanship, Daily	1	E.4	3	Instructor Nelson.
Penmanship, Daily	2	E.4	2	Instructor Nelson.
Penmanship—Prep., T.Th. .		E.4	10	
Plain Sewing,‖ M. W. F....	1	E.7	12—2	Professor Hubbard.
Plain Sewing,‖ M. W. F....	2	E.8	2—4	Instructor Morrell.
Plain Sewing,‖ M. W. F....	3	E.7	8—10	Instructor Hendricks.
Psychology I, Daily........		15	10	Professor Hall.
Psychology II		15	!	Professor Hall.
Political Economy, M. W. F		11	2	Professor Miller.
Princ.of the Gospel, Mis.Dly		10	10	Instructor Blood.
Physiology I, M............	1	9	1	Professor Wolfe.
Physiology I, W...........	2	9	1	Professor Wolfe.
Physiology I—Lab., T......	1	L.2	2—4	Professor Wolfe.
Physiology I—Lab., F......	2	L.3	3—5	Professor Wolfe.
Physics I, M. W. F.........		2	8	Instructor Peterson.
Physics I—Lab., T........	1	L.2	3—5	Instructor Peterson.
Physics—Lab., Th.	2	L.2	3—5	Instructor Peterson.
Plant Breeding		L.3	!	Professor Merrill.

‖ First Term.

* Second Term.

! Hours to be arranged.

Subject—Days	Sec	Rm	Hour	Instructor.
Physics—Elective		L.2	!	Instructor Peterson.
Physical Culture I.........		17	!	
Physical Culture II........		17	!	
Physical Culture for Men..		17	!	
Rhetoric I, Daily..........	1	5	9	Professor Bowen.
Rhetoric I, Daily..........	2	5	12	Professor Bowen.
Rhetoric I, Daily..........	3	5	8	Professor Bowen.
Rhetoric II* M. T. W. F.....		12	10	Professor Vernon.
Scripture R'dings, Miss. Dly		10	11	Instructor Blood.
Sanitation		26	!	Professor Homer.
Science of Nutrition.......		26	!	Professor Homer.
Stenograhy I, Daily.......		E.4	9	Instructor Nelson.
Stenography II		E.4	!	Instructor Nelson.
Science of Nutrition.......			!	
Theology—Elective		1	!	Professor Chamberlin.
Theory of Teaching, Daily.		15	10	Professor Hall.
Typewriting	1	E.4	!	Instructor Nelson.
Typewriting	2	E.4	!	Instructor Nelson.
Typewriting	3	E.4	!	Instructor Nelson.
Tpyewriting	4	E.4	!	Instructor Nelson.
Telegraphy		E.4	!	
Trigonometry,* M. W. F....		6	3	
Training, Normal, M.T.W.T.		TrB	1	
Vocal Music, T. Th........	1	25	3	Professor Robinson.
Vocal Music, M. W........	2	25	3	Professor Robinson.
Vocal Music II............		25		Professor Robinson.
Vocal Music—Miss., T. Th..		25	1	Professor Robinson.
Zoology a, M. W. F........	1	L.3	8	Professor Merril.
Zoology a, M. W. F........	2	L.3	10	Professor Merrill.
Zoology—Lab., M. W.......	2	L.3	2—4	Professor Merrill.
Zoology—Lab., T. Th.......	1	L.3	2—4	Professor Merrill.
Zoology and Bot.—Elective.		L.3	!	President Linford.

* Second Term.

! Hours to be arranged.

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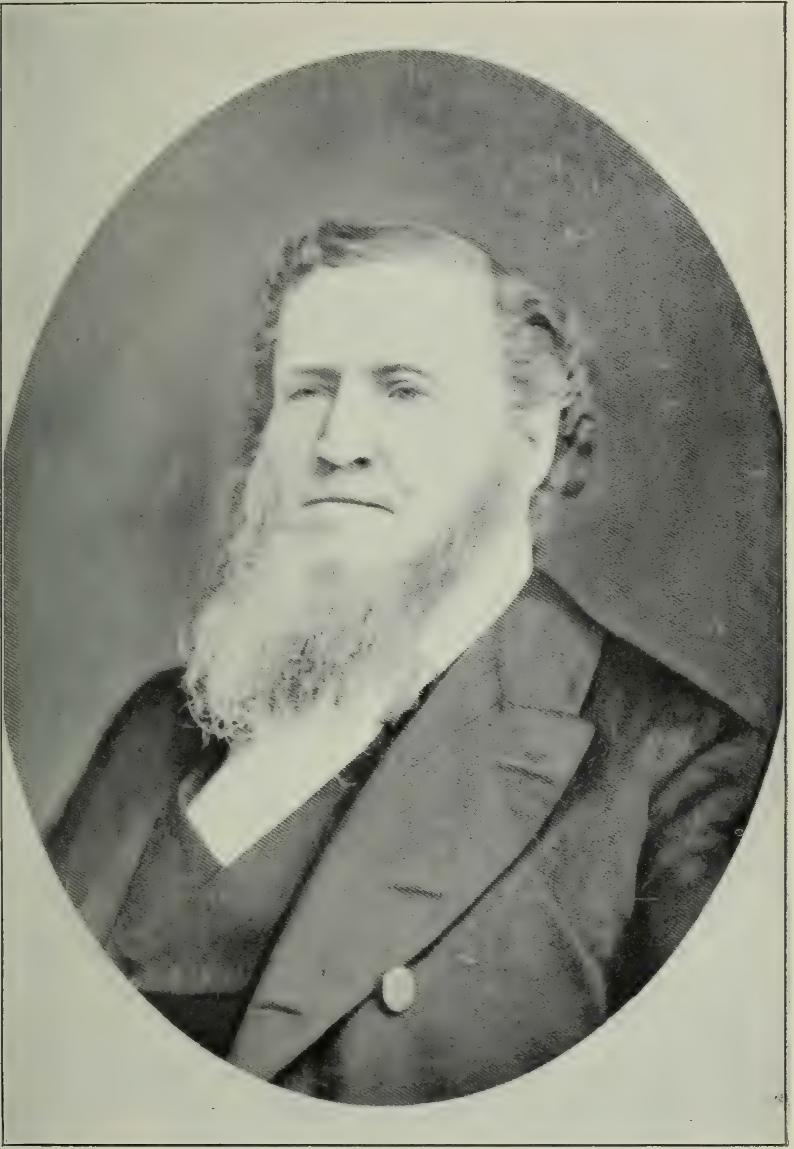
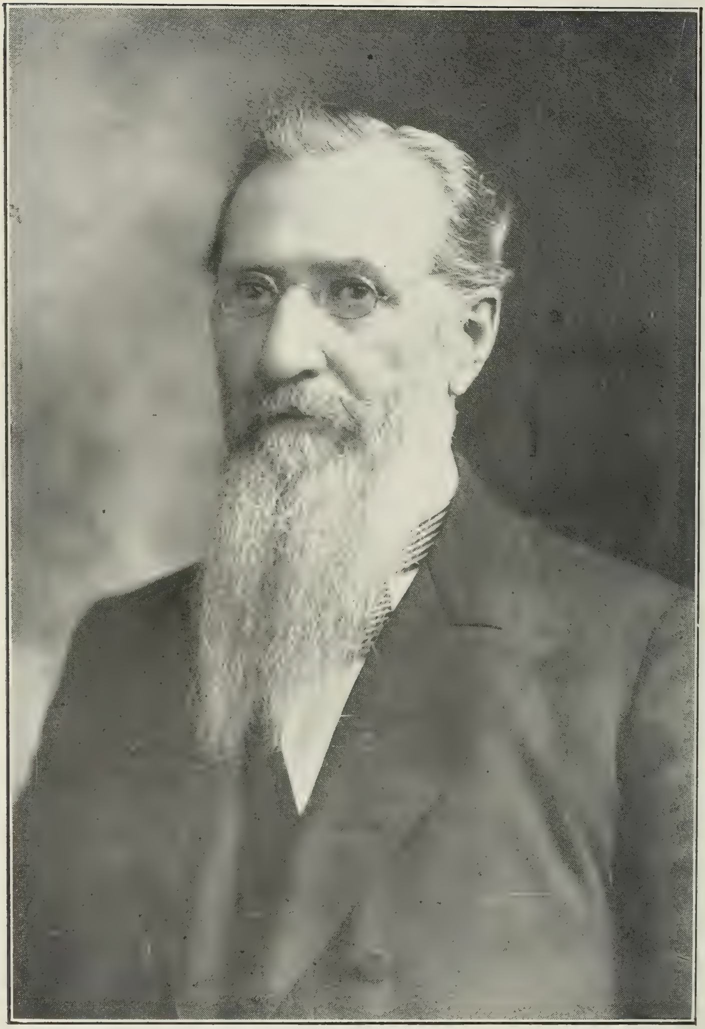
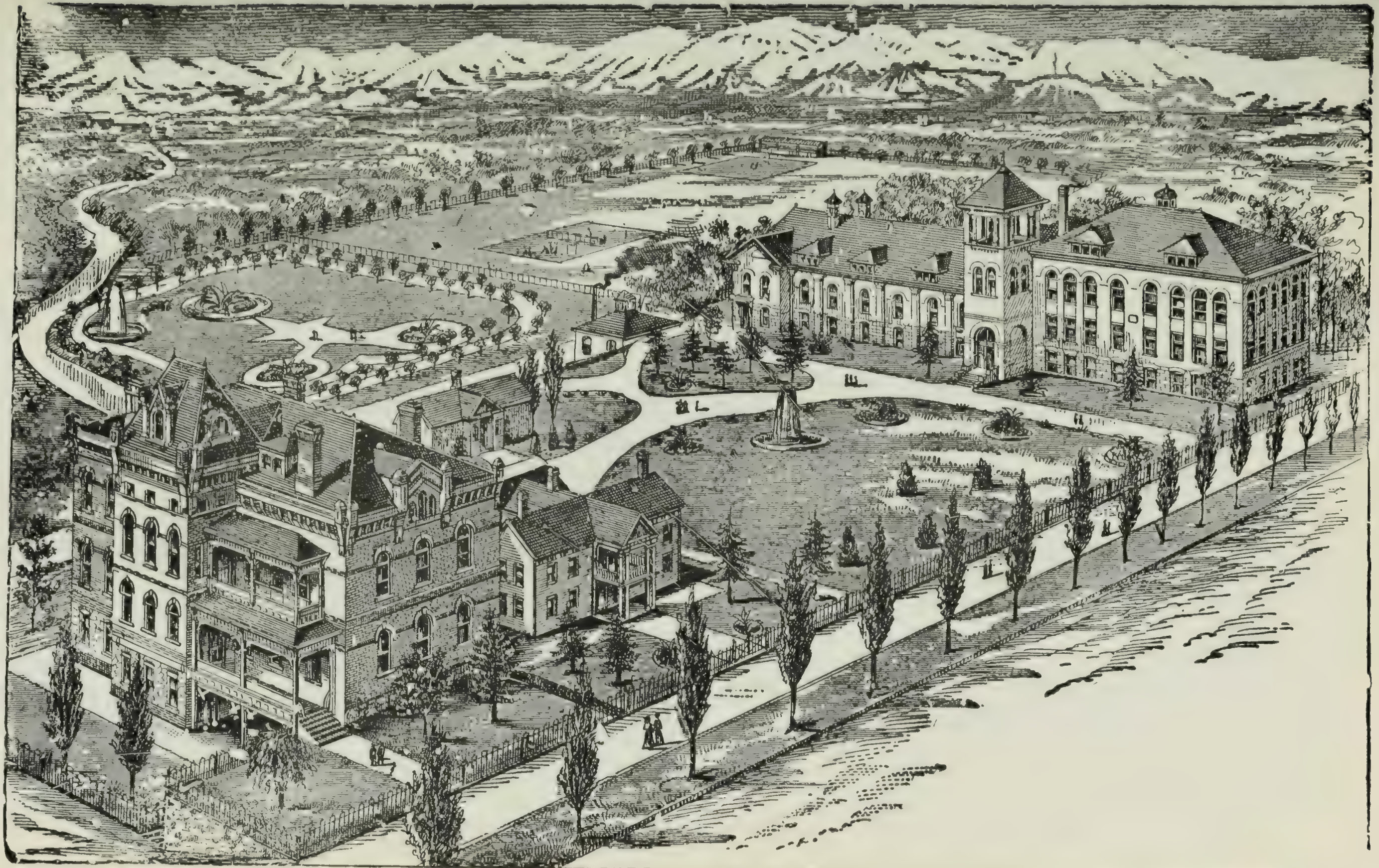


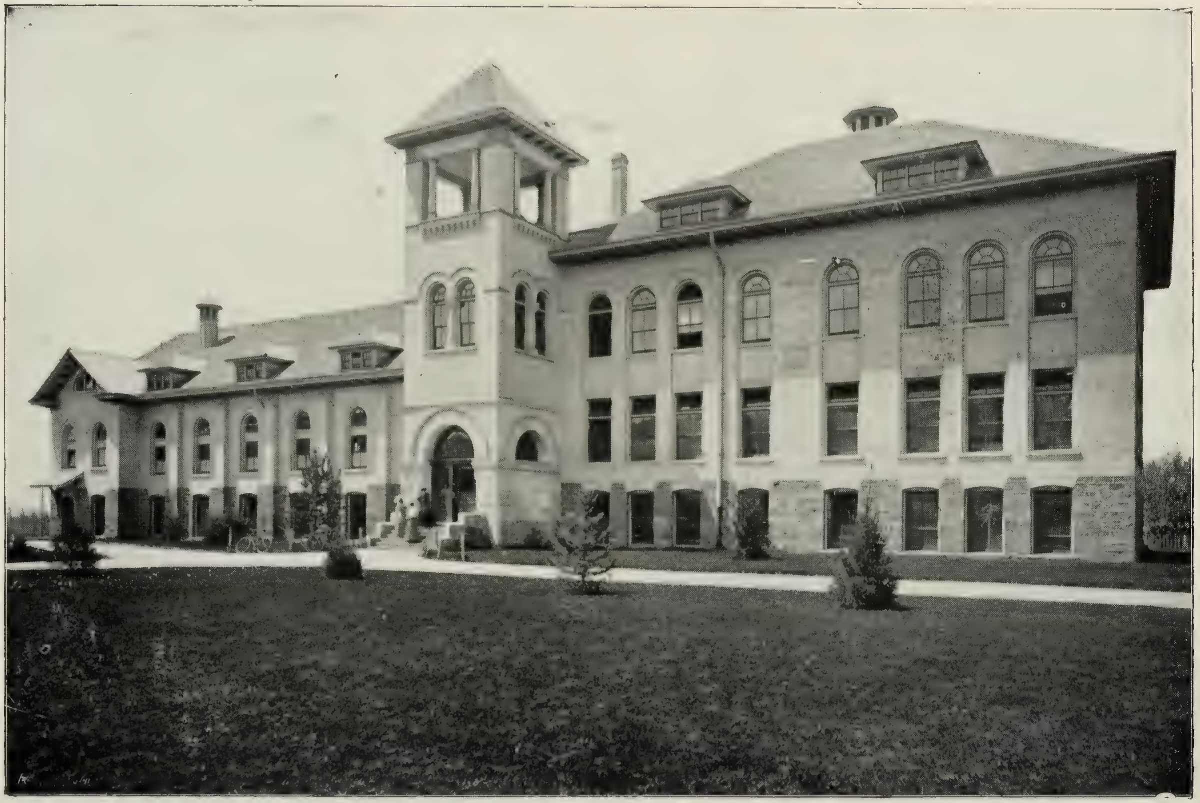
PRESIDENT BRIGHAM YOUNG.
Founder of the Brigham Young College.



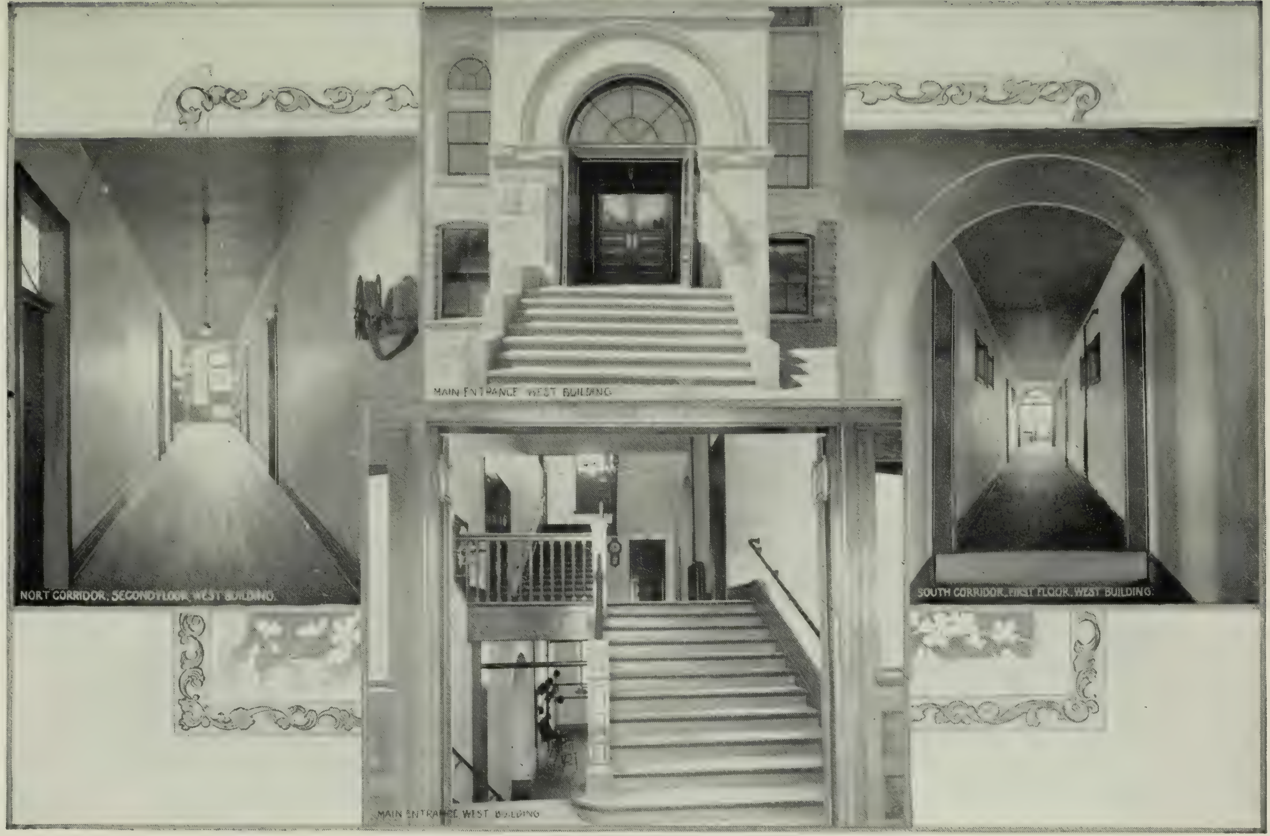
PRESIDENT JOSEPH F. SMITH.
President of the Board of Trustees.



BRIGHAM YOUNG COLLEGE CAMPUS FROM NORTH-EAST.

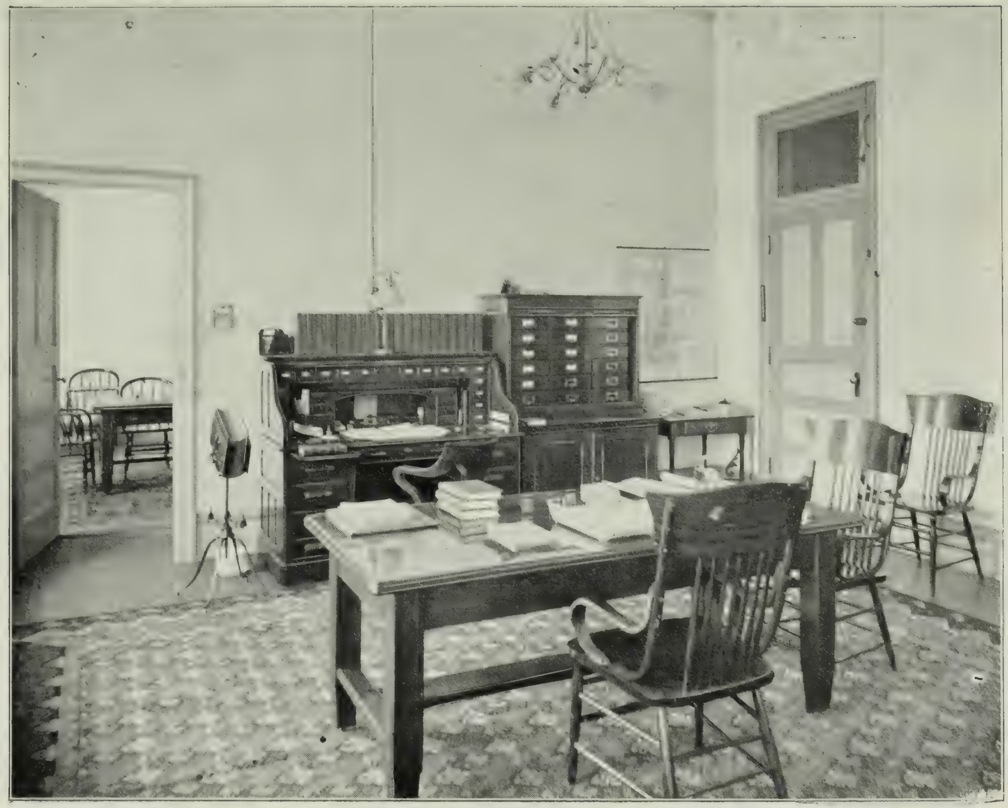


WEST BUILDING,


MAIN ENTRANCE WEST BUILDING
NORT CORRIDOR, SECOND FLOOR, WEST BUILDING.
SOUTH CORRIDOR, FIRST FLOOR, WEST BUILDING.
MAIN ENTRANCE WEST BUILDING

BRIGHAM YOUNG COLLEGE—ENTRANCE AND HALLS.

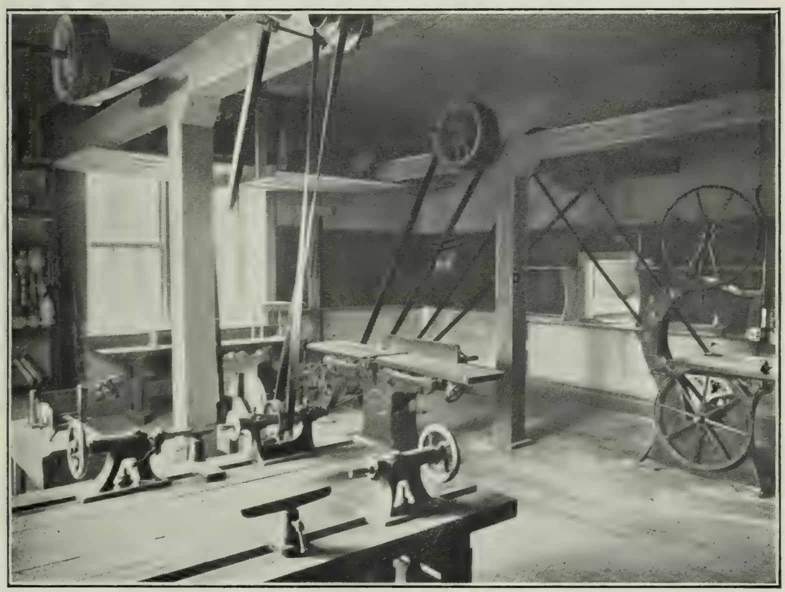
ASSEMBLY ROOM, LOOKING FROM THE PLATFORM,



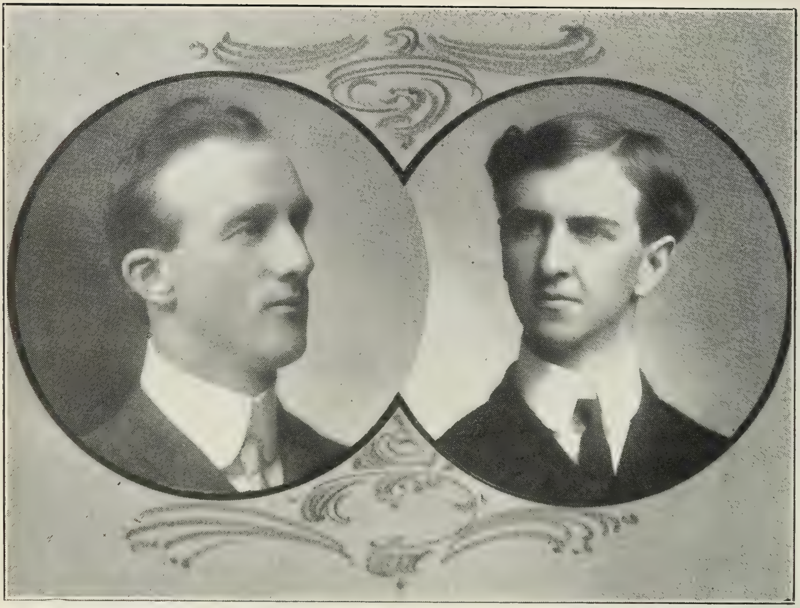
PRESIDENT'S OFFICE, WEST BUILDING.

GYMNASIUM, WEST BUILDING.

OFFICE OF REGISTRAR AND SECRETARY, WEST BUILDING.

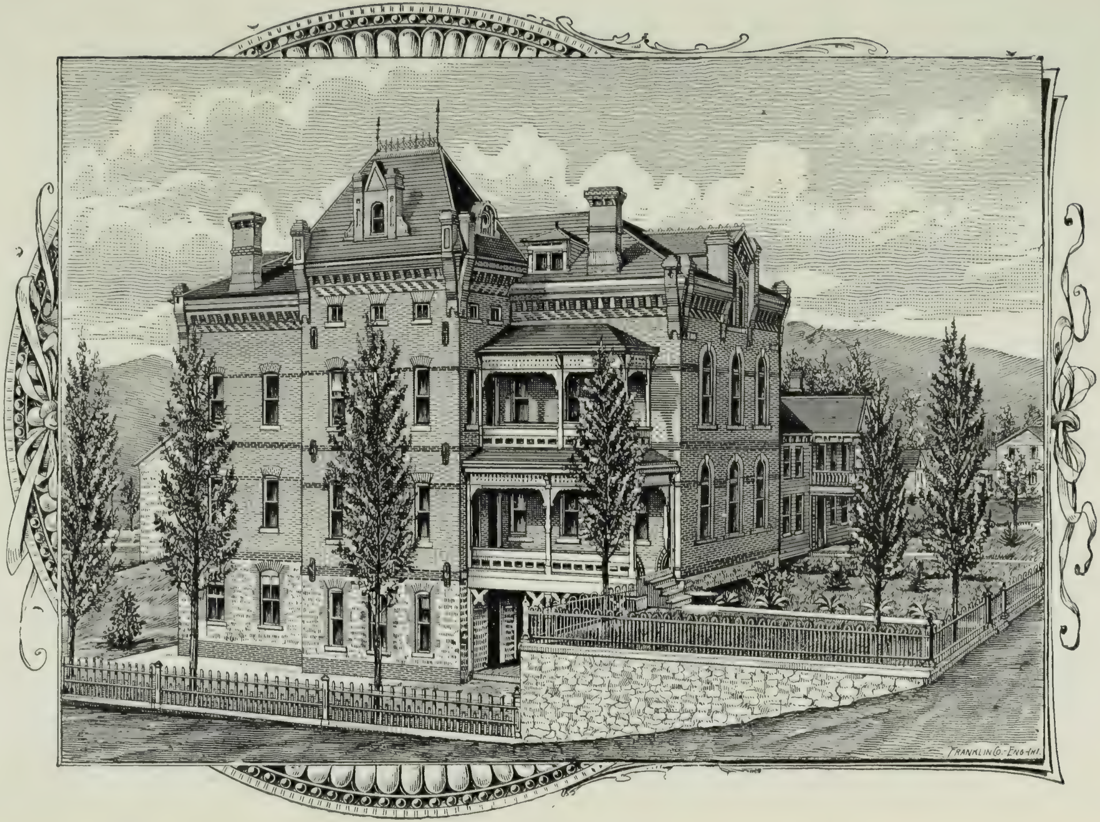


CORNER IN MACHINE SHOP, MECHANIC ARTS' BUILDING.



CHARLES BITTER. E. M. HALL.
Graduates with the degree Bachelor of Arts.

MUSIC ROOM, WEST BUILDING.


FRANKLIN Co.-ENG-IND.

EAST BUILDING.

CORNER IN LIBRARY AND READING ROOM.

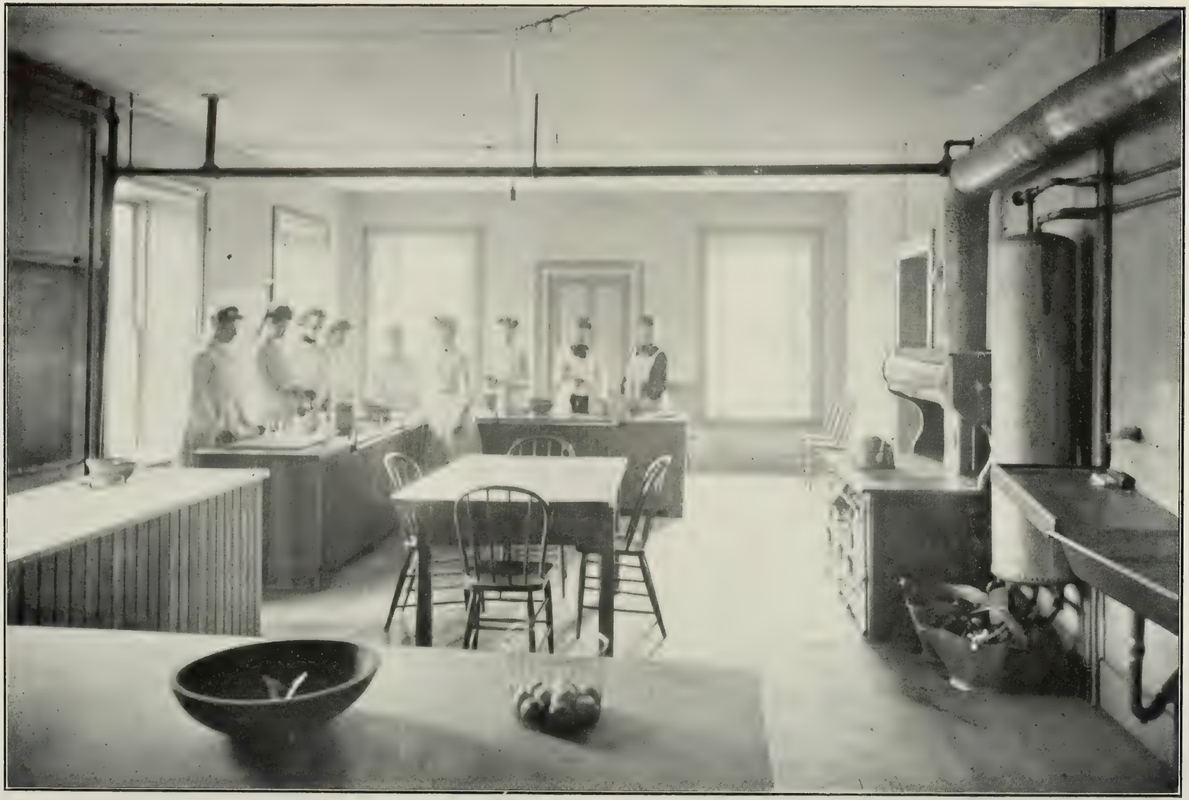
BUSINESS ROOM, EAST BUILDING.

THE BANK—DURING BUSINESS HOURS.

THE BANK—AFTER BUSINESS HOURS.

THE TYPEWRITING ROOM.

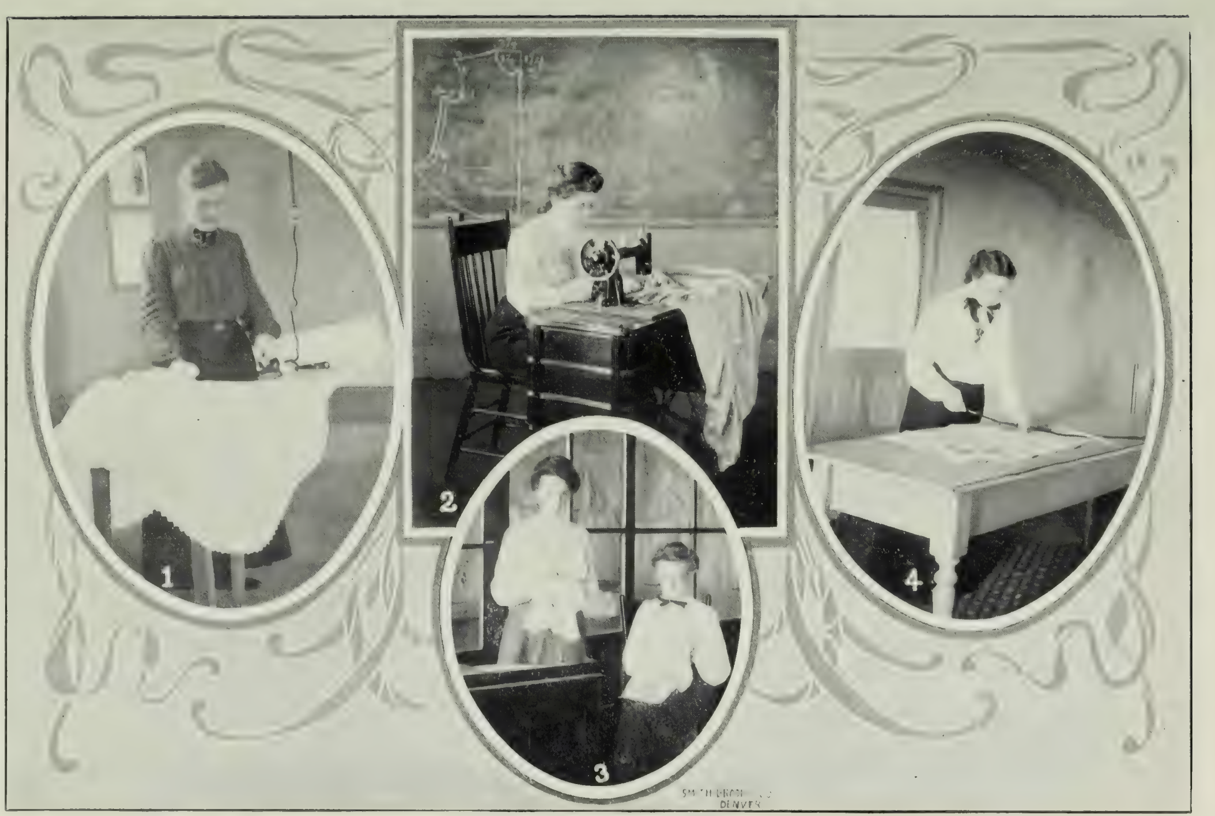
THE TELEGRAPH OFFICE.



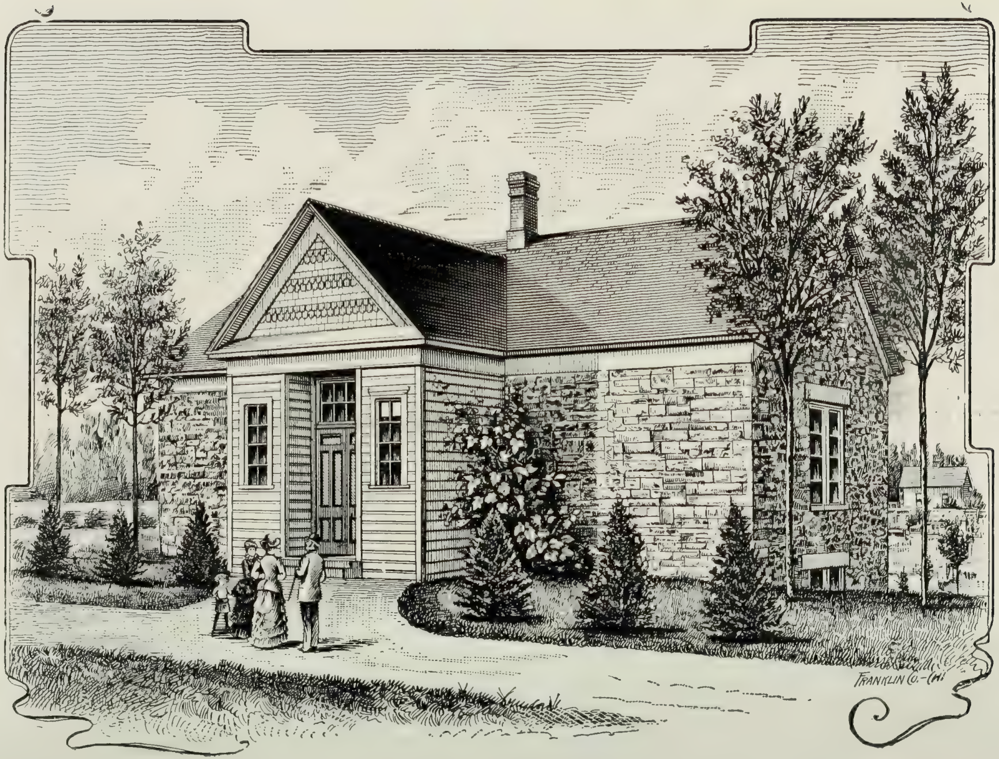
COOKING LABORATORY, EAST BUILDING.

DOMESTIC SCIENCE.
1, 3, Students' Work. 2, Dining Room.

SEWING ROOM, EAST BUILDING.

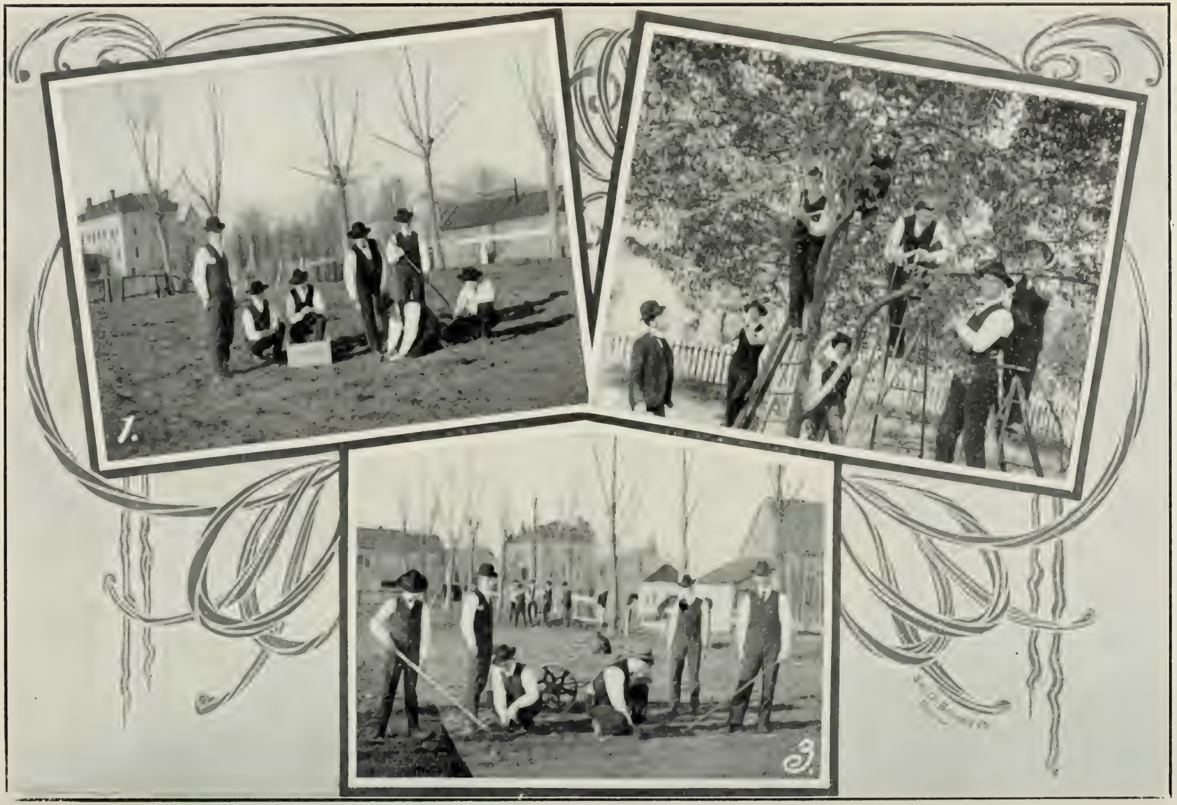


DOMESTIC ARTS.
1. Pressing, 2. Machine Stitching, 3. Art Needle-work, 4. Drafting.



LABORATORY BUILDING.

PHYSICAL LABORATORY.



CLASS IN HORTICULTURE.
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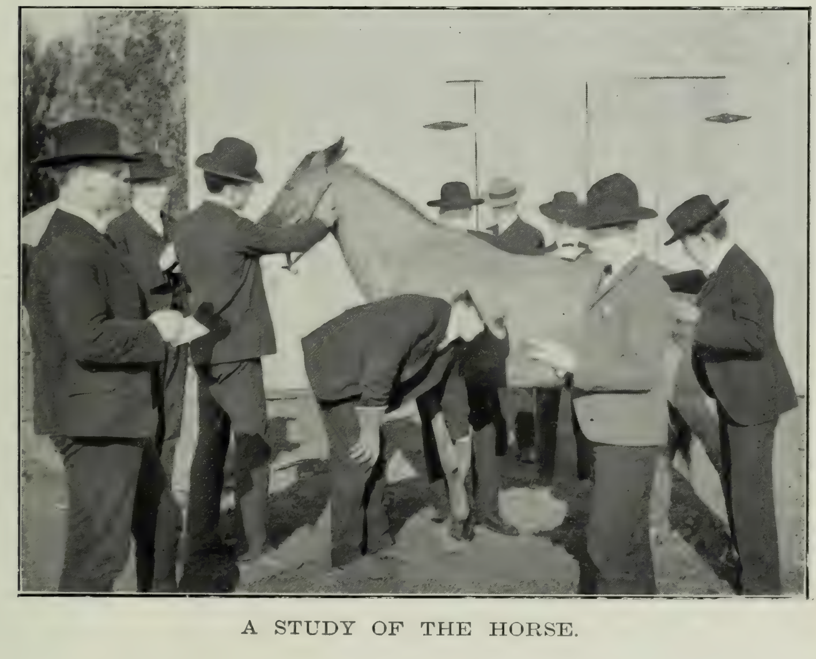
STOCK JUDGING.



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A CORNER IN THE FORGING SHOP.

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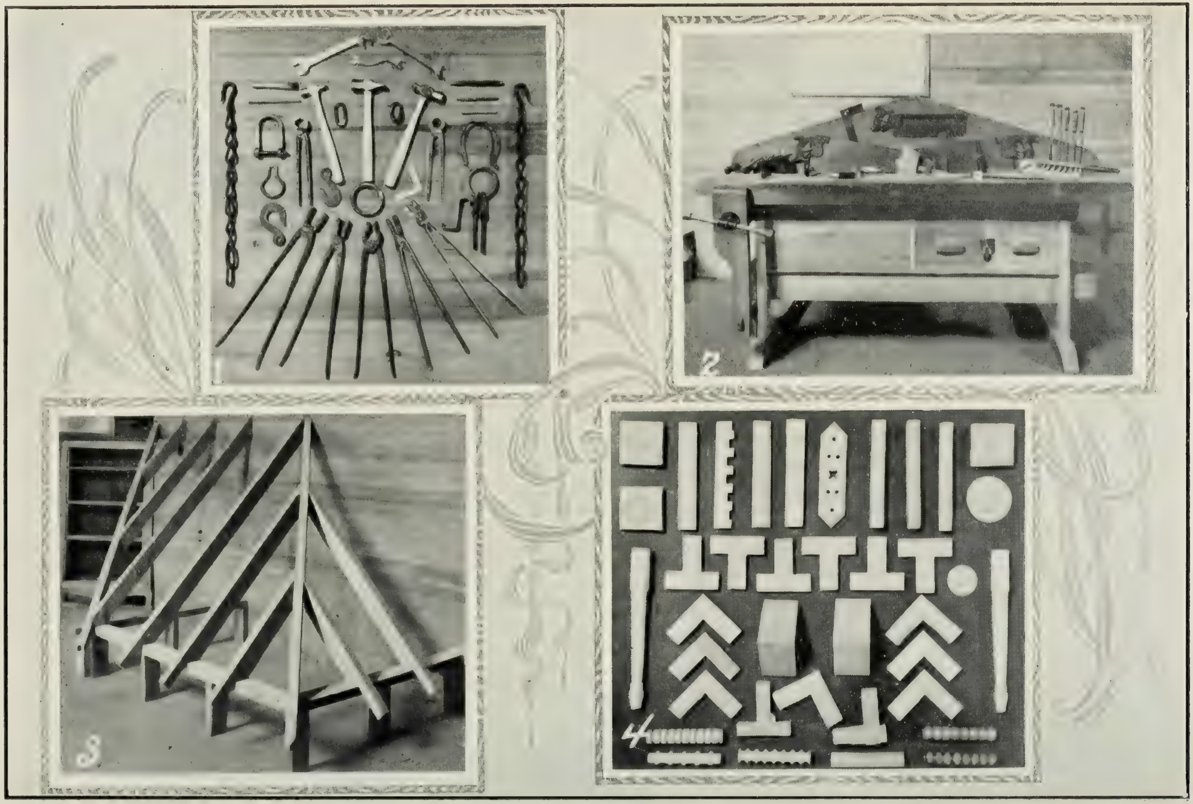
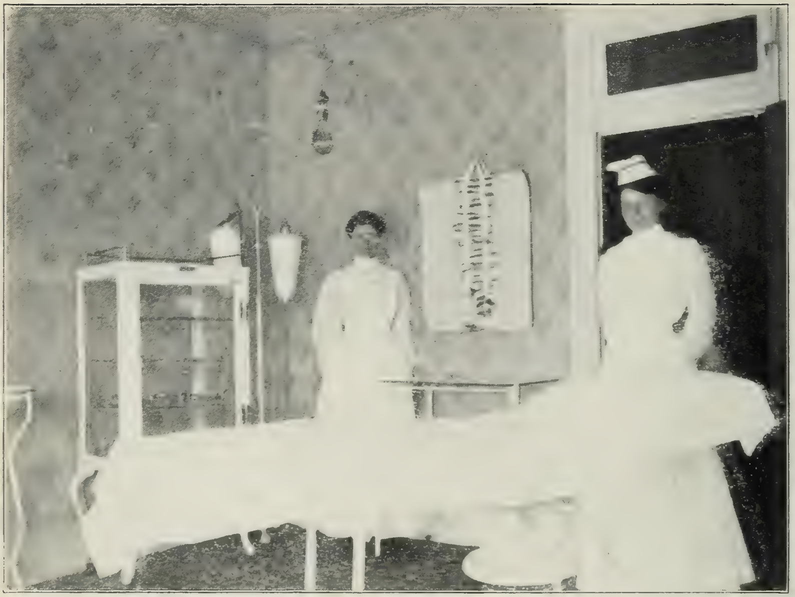
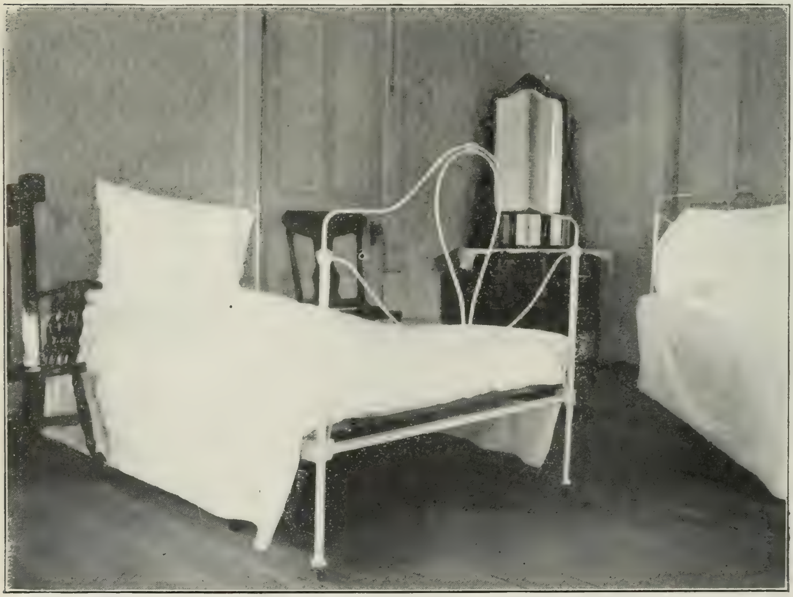


MECHANIC ARTS DEPARTMENT—STUDENTS' WORK.
1. Forging, 2, 3, 4, Carpentry.

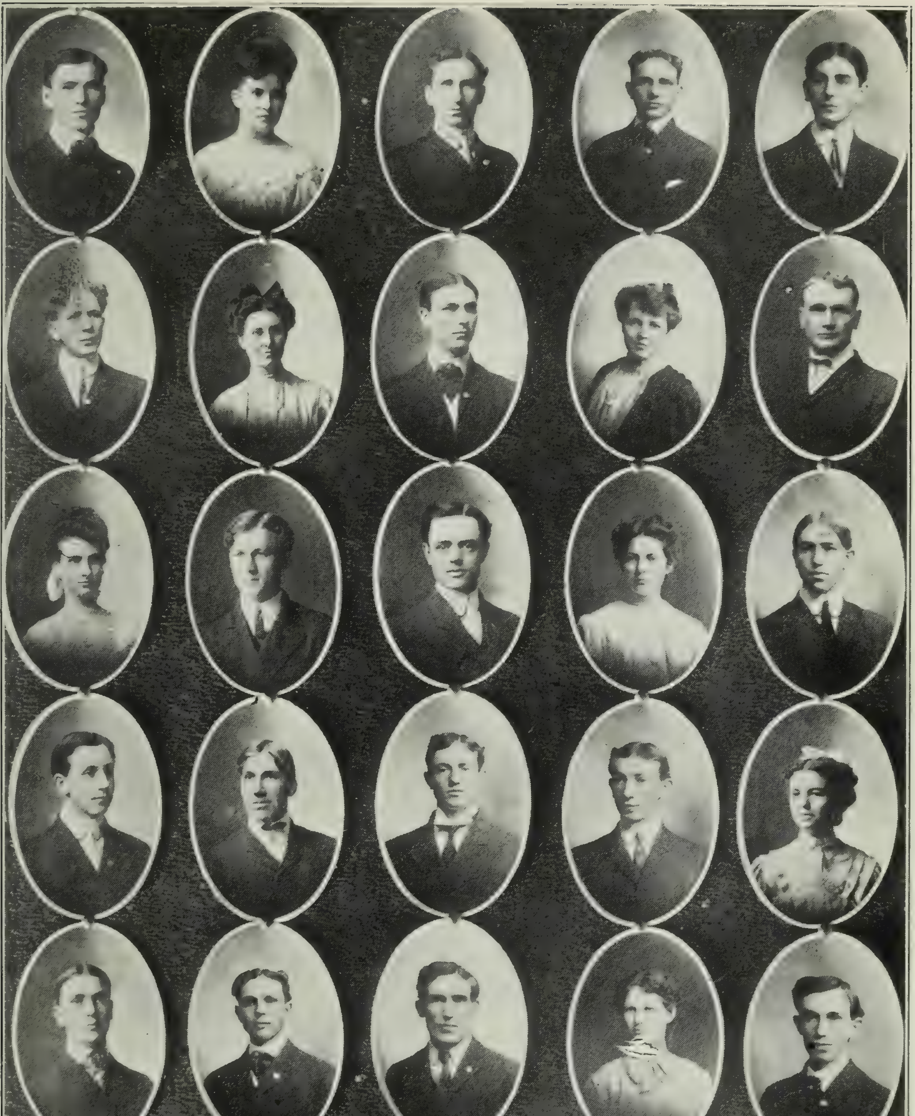
BUDGE AND BUDGE HOSPITAL.
Used as Nurse Training-School.



OPERATING ROOM IN NURSE TRAINING-SCHOOL.



WARD IN NURSE TRAINING-SCHOOL.



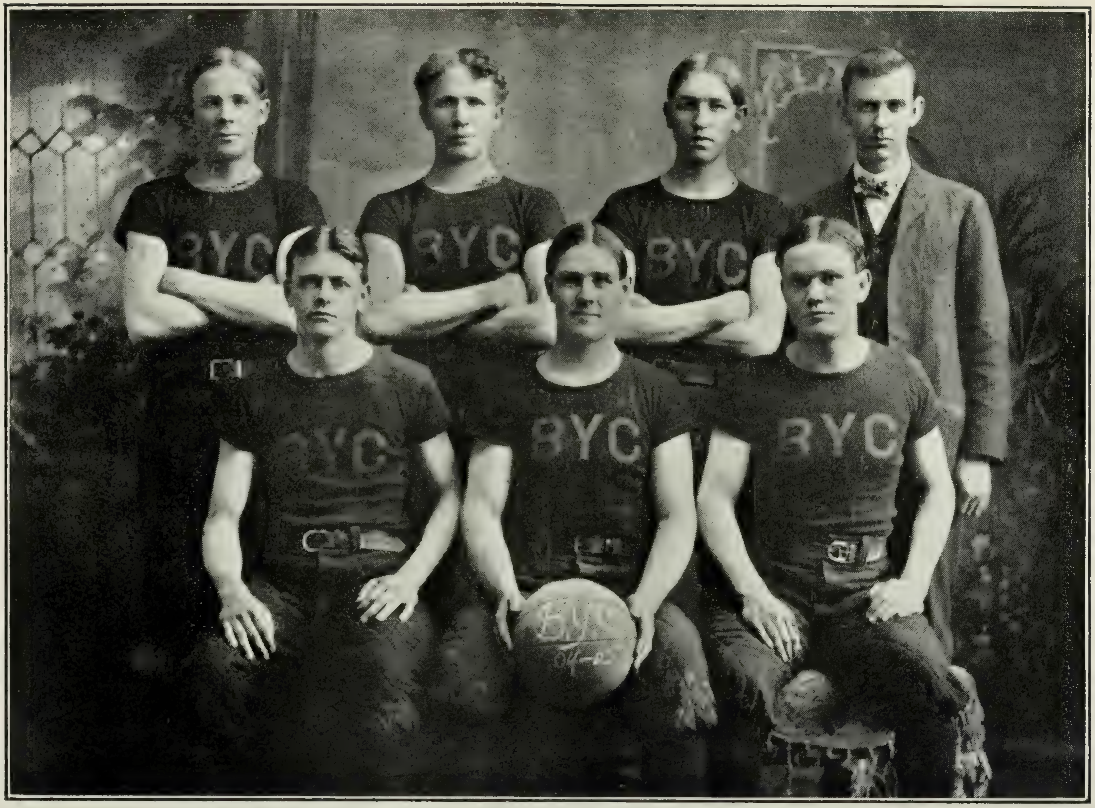
THE HIGH SCHOOL GRADUATING CLASS OF 1905.

THE COLLEGE CHOIR.

THE COLLEGE BRASS BAND.

THE CRIMSON STAFF.

COLLEGE ORCHESTRA.



B. Y. C. BASKET BALL TEAM.

Christensen Jensen Wangsgard Kemp (Coach)
Dahle Merkley (Capt.) Blair

CATALOGUE

OF THE

Brigham Young College

FOR

1905-1906

With List of Students for 1904-1905.

"A GENERAL EDUCATION IS THE BIRTHRIGHT OF EVERY MAN AND WOMAN IN AMERICA."

LOGAN, UTAH.
PUBLISHED BY THE COLLEGE.
JULY, 1905.

1905

JULY

S	M	T	W	T	F	S
..	..	..	..	..	..	1
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1906

JANUARY

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APRIL

S	M	T	W	T	F	S
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8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	..	..	..	..	..
..	..	..	..	..	..	..

MAY

S	M	T	W	T	F	S
..	..	1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31	..	..
..	..	..	..	..	..	..

JUNE

S	M	T	W	T	F	S
..	..	..	..	..	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
..	..	..	..	..	..	..

CALENDAR 1905-1906.

FIRST TERM.

1905.

September 18, Monday—Entrance examinations and registration of students.

September 19, Tuesday—Instruction begins.

November 30, December 1, Thursday, Friday—Thanksgiving recess.

December 22, Friday—Christmas vacation.

1906.

January 8, Monday—Instruction begins.

February 2, Friday—First term ends.

SECOND TERM.

February 5, Monday—Second term begins.

February 22, Thursday—Washington's Birthday.

May 30, Wednesday—Decoration Day.

June 5, Tuesday—Class Day.

June 6, Wednesday—Twenty-eighth Annual commencement.

June 6, Wednesday evening—Alumni Reunion.

GENERAL CHURCH BOARD OF EDUCATION.

Joseph F. Smith,
Willard Young,
Anthon H. Lund,
John Nicholson,
George H. Brimhall,
Rudger Clawson,
Joseph M. Tanner,
John R. Winder,
Charles W. Penrose.

CHURCH BOARD OF EXAMINERS.

Joseph M. Tanner, Supt.,
George H. Brimhall,
Joshua H. Paul,
James H. Linford.

BOARD OF TRUSTEES.

Joseph F. Smith, President	Salt Lake City, Utah
William B. Preston, Vice-President	Salt Lake City, Utah
William H. Lewis	Lewiston, Utah
Joseph Howell	Logan, Utah
Marriner W. Merrill	Richmond, Utah
Lyman R. Martineau	Salt Lake City, Utah
Richard W. Young	Salt Lake City, Utah

Herschel Bullen, Jr.....................Secretary and Treasurer

EXECUTIVE COMMITTEE.

William B. Preston, Chairman.
Lyman R. Martineau,
Joseph Howell.

FACULTY AND INSTRUCTORS.

Arranged in groups in the Order of Seniority of Appointment.

JAMES HENRY LINFORD, D. B., B. S.,

PRESIDENT.

Professor of Zoology and Botany.

Graduate of the Normal Department of the University of Utah, 1890; Superintendent of Schools, Davis County, Utah, 1891, 1892; Professor of Zoology and Botany, Brigham young College, 1892-1900; Student at Hopkins Sea Side Laboratory of the Leland Stanford, Jr., University, summers of 1895, 1896; D. B., Church Board of Education, 1897; B. S., Brigham Young College, 1898; Student of the University of Chicago, summer of 1899; Member of International Association of Botanists, 1900; Member American Association for the advancement of Science, 1903; Present position since 1900.

116 West First South.

JACOB FRANKLIN MILLER, D. B., A. B.,

Professor of History and Political Science.

Student in the University of Utah, 1873-74, 1875-76, 1885; On mission to the Southern States, 1883-1885; Superintendent of Public Schools, Davis County, 1889; Teacher of Advanced Department Davis Stake Academy, 1889-1891; D. B., Church Board of Education, 1896; A. B., Brigham Young College, 1902; Member of the American Academy of Political and Social Science, and also member of the Historical Association since 1897; Present position since 1892.

85 East Second South.

WESTON VERNON, A. M., Ph. D.,

Professor of the English Language and Literature.

B. Pd., Brigham Young Academy, 1894; A. B., University of Utah, 1895; D. B., in Ancient Languages, Church Board of Education, 1897; Professor of Languages, Brigham Young College, 1896-98;

High School Life Diploma, Utah State Board of Education, 1898; Student in University of Chicago, summers of 1898, 1901; M. A., Illinois Wesleyan University, 1902; Ph. D., Illinois Wesleyan University, 1905; Present position since 1898.

202 North First East.

HERSCHEL BULLEN, JR.,

REGISTRAR.

Professor of Bookkeeping and Commercial Law.

Graduate Normal Department, University of Utah, 1890; Teacher in Public Schools, Cache County, 1891-92; On mission to England, 1894-1896; Special Student, Metropolitan Business College, Chicago, and Rochester Business Institute, Rochester, New York, summer 1901; President Board of Education Logan City; 1900-1904. Present position since 1897.

192 East First North.

WILLIAM HENRY CHAMBERLIN, D. B., A. B.,*

Professor of Theology.

A. B., University of Utah, 1896; D. B., Church Board of Education, 1896; Professor of Natural Sciences, Latter-day Saints' College, 1891-1897; Mission to Tahiti, 1897-1900; Assistant Professor of Geology and Mineralogy, Brigham Young College, 1900-1902; Student in the University of Chicago, 1901-1902, 1903; Present position since 1903.

139 South First West.

ALFRED JOSEPH RIDGES, JR., B. S.,*

Professor of Chemistry.

Graduate Utah State Normal School, 1893; Principal Public Schools, 1893-97; Principal Heber City High School, 1899-1900; B. S., with Advanced Normal Diploma, University of Utah, 1901; Present position since 1900.

CHARLES HENRY SKIDMORE, B. L., M. A.,

Professor of Mathematics.

Graduate of the Brigham Young College Normal Department, 1893; Teacher in Public Schools, Cache County, 1893-95 and 1897-99; On mission to England, 1895-1897; B. L., Brigham Young College, 1901; Student in the University of Chicago, the school year and the summers of 1901 and 1902; Assistant Professor of Theology, Brigham Young College, 1902-3; M. A., Illinois Wesleyan University, 1903; Present position since 1903.

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* On leave of absence.

39 East Second South.

WALTER M. WOLFE, D. B., A. B.,

Professor of Geology and Mineralogy.

A. B., Williams College; Professor in the Brigham Young Academy, 1892-1903; Biologist, Exploring Expedition to Mexico, Central America, and South America, 1900-01; Mission to England, 1903-04; Present position since 1904.

DANIEL C. JENSEN, A. B.,

Professor of Education and Philosophy.

Student in Snow Academy, 1888-1890; Graduate of the State Normal School, University of Utah, 1892; Superintendent City Schools, Mt. Pleasant, Utah, 1892-98; Critic Teacher Utah State Normal School, 1898-1899; Principal Brigham Young College Training School, 1899-1902: A. B., and Special Normal Diploma, Brigham Young College, 1902; Head of Department of Geology and Mineralogy, Brigham Young College, 1902-1904; Superintendent City Schools, Logan, Utah, 1904-1905; Present position, 1905.

JOSEPH WILLIAM JENSEN, S. B.,

Professor of Civil Engineering.

B. S., Agricultural College of Utah, 1900; S. B., in Civil Engineering, Harvard University, 1901; Professor of Mathematics, Latter-day Saints' University, 1901-2; Professor of Mathematics and Principal of High School Department, Latter-day Saints' University 1902-3; Assistant Professor of Civil Engineering, Agricultural College of Utah, 1903-5; Present position, 1905.

DAVID CLARE BUDGE, D. D. S., M. D.,

Director of Hospital.

Formerly a student of the Brigham Young College; D. D. S., Lake Forest University; M. D., Rush Medical College.

THOMAS BUDGE BUDGE, D. D. S., M. D.,

Associate Director of Hospital.

Formerly a Student of the Brigham Young College; D. D. S, Lake Forest University; M. D., Northwestern University Medical College.

ALMA BROCKERMAN WRIGHT,

Assistant Professor of Art.

Instructor in Art, L. D. S. College, 1898; Instructor in Art, Brigham Young College, 1899-1902; Student in Paris, 1902-1904; Present position since 1904.

WILLIAM OLIVER ROBINSON,

Assistant Professor of Vocal Music.

Student under Professors Stephens, Goddard, and McClellan, 1901; Student in Conservatory of Music, Chicago, summers of 1902-1903. Instructor in the Brigham Young College, 1902-04; Present position since 1904.

137 West Fifth South.

ROSE HOMER, B. S.,

Assistant Professor of Domestic Science.

B. S., Agricultural College of Utah, 1900; Instructor in the Oneida Stake Academy, 1901-2; Instructor in Domestic Arts, Brigham Young College, 1902-04; Present position since 1904.

115 East Third North.

AMOS NEWLOVE MERRILL, B. S.,

Assistant Professor of Agriculture.

B. S., Agricultural College of Utah, 1896; Student of Agricultural College of Utah, 1896-97; Mission to England, 1897-1900; Instructor in the Brigham Young College, 1902-04; Student of the Deseret Summer Institute, 1904; Present position since 1904.

473 West First South.

ALBERT ERNEST BOWEN, A. B.,

Assistant Professor of the English Language and Literature.

A. B., Brigham Young College, 1902; Instructor in the Brigham Young College, 1898-1902; Mission to Switzerland and Germany, 1902-04; Present position since 1904.

WILLIAM WILLIAMS HENDERSON, A. B., M. A.,*

Assistant Professor of Zoology and Botany.

Student in Preston Academy, 1895-96; Graduate from the Normal Course, Brigham Young College, 1900; Assistant in Biology, 1900-01 and Instructor 1901-04; A. B., Brigham Young College, 1903; M. A., Cornell University, 1905; Member of the Sigmi Xi Society, 1905; Present position, 1905.

MME. EVANGELINE GLARDON,

Assistant Professor of French and German.

Student in St. Janier, Jura, for eight years, and later a student of Lausanne University; Instructor in High School and College Galliard; Private tutor to foreign University students; Instructor in French and German in the Brigham Young College, 1902-05; Present position, 1905.

61 East First North.

GEORGE BRIGHAM HENDRICKS, A. B.,

Assistant Professor of Economics.

A. B., Brigham Young College, 1903; Student of Harvard University, 1903-05; Present position, 1905.

ANDREW JENSEN,

Principal Normal Training-School.

Teacher in Public Schools of Sanpete and Emery Counties, 1895-1897; Graduate of Snow Academy, 1898; President of Northern Indiana Conference, 1899-1900; Present position since 1902.

CHARLES M. HARRIS,

Instructor in Violin; Ensemble Playing.

Student in Chicago Music College under Professor E. S. Jacobsen, 1893; Student in the Stern Conservatory of Music, Berlin, and also private student under Immanuel Worth, 1894-97; Present position since 1898.

63 West Third South.

JOHN HENRY KEMP, A.B.,

DIRECTOR OF GYMNASUIM,

Instructor in Chemistry.

Graduate of the Normal Department of the Brigham Young College, 1900; A. B., Brigham Young College, 1904; Student in the University of Chicago, summer of 1904; Instructor in the Brigham Young College, 1903-04; Present position since 1904.

141 West Fifth South.

ELIZABETH MARGARETTE JONES,

Critic Teacher and Instructor in Normal Training-School.

Graduate of the Normal Department of the Brigham Young College, 1902; Teacher in Public Schools, Montpelier, Idaho, 1902-03; Student in the University of Chicago, summer of 1904; Present position since 1903.

LILLIAN OLIVER,

Instructor in Piano.

Student in London two years under Wood, in hormony, and under Oscar Berenger (student under Liszt), on piano; Present position since 1902.

PETER POWELL PETERSON, B .S.,

Instructor in Mathematics and Physics.

Student in the Weber Stake Academy, 1893-95; in the Brigham Young Academy, 1895-97; also 1900-01; in the Leland Stanford University, 1901-02, 1903-04; and in the Univèrsity of California, summer of 1903; Principal of Oneida Stake Academy, 1902-03; Present position since 1904.

MARIAN HENDRICKS,

Critic Teacher and Instructor in Normal Training-School.

Graduate of the Normal Department of the Brigham Young College, 1904; Teacher in the Public Schools, Logan City, 1903-04; Student in the University of Chicago, summer of 1904; Present position since 1904.

HENRY JOHN NELSON,

Instructor in Stenography, Typewriting, and Penmanship.

Student in the Latter-day Saints' Business College, 1901-04; Present position since 1904.

JULIA NIBLEY,

Instructor in Domestic Arts.

Student Brigham Young College, 1902-04; Assistant in the Brigham Young College, 1903-04; Present position since 1904.

ZINA YOUNG CARD,

MATRON AND LIBRARIAN.

Student Brigham Young Academy, 1878-79; Instructor Brigham Young Academy, 1879-1884; Present position since 1904.

302 West Center.

JAMES WESLEY LINFORD,

Instructor in Carpentry.

Certificate in Mechanic Arts, Agricultural College of Utah, 1900; Mission to New Zealand, 1901-04; Present position since 1904.

MYRTLE QUINNEY,

SECRETARY OF THE FACULTY.

Private Secretary to the President.

THOMAS H. PORTER,

ELECTRICIAN.

Instructor in Carpentry.

ANDREAS JOHANSEN,

Instructor in Forge Work.

FRANK D. PLOWMAN,

Instructor on Banjo, Mandolin, and Guitar.

Member of American Guild of Banjoists, Mandolinists, and Guitarists.

LALENE HENDRICKS,

Instructor in Domestic Arts.

DAVID S. SMITH,

LEADER OF COLLEGE ORCHESTRA,

Instructor in Violin.

GEORGE CHRISTIAN JENSEN, A.B.,*

Instructor in English.

Graduate of the Normal Department Brigham Young College, 1895: On a mission to Germany, 1897-1900; A. B. Brigham Young College, 1903; Teacher in the Nephi High School, 1903-04; Present position since 1904.

JOHANNA MOEN,

Instructor in Dressmaking and Art Needlework.

Student in the Hedemarkens Amtskole, Norway, 1890, and in the School of Industries, Christiania, 1903-04; Head of Walker's Dressmaking Department, Salt Lake City, Utah, 1904; Present position, 1905.

CYNTHIA EVELINE HILL,

Instructor in English and Physical Culture.

Student of the Brigham Young College, 1900-05; Student at Chautauqua, 1904; Student of the University of Utah, summer of 1905; Present position, 1905.

OLOF NELSON,

Instrucor in Masonry.

NORA CHRISTENSON,

HEAD NURSE AT HOSPITAL,

Instructor in the Art and Science of Nursing.

Student in the Collegiate Institute, 1894-1898; Graduate of the Nurse Training course, St. Luke's Hospital, Denver, 1900; Present position, 1905.

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* On leave of absence.

E. DAVID MANN,

Instructor in Music.

Student of Madame Barron, 1894-97; Mission to Colorado, 1897-99; Student of Professor Anton Pedersen, 1899-01; Teacher of piano, 1901-03; Student in Conservatory of Music, Ann Arbor, Michigan, 1903-05, with special work under Albert A. Stanley and Albert Lockwood.

MARGARET MORRELL,

Assistant in Domestic Arts.

RUTHVEN J. HAMMER,

Gymnasium Pianist.

INGRAM B. HOLMAN,

Custodian.

STANDING COMMITTEES OF THE FACULTY

The President is a member of all committees.

Scholarship and Graduation.—J. F. MILLER, C. H. SKIDMORE, D. C. JENSEN.

College Students.—WESTON VERNON, C. H. SKIDMORE, W. M. WOLFE.

High School Students.—D. C. JENSEN, H. BULLEN, JR., J. W. JENSEN.

Lady Students.—ZINA Y. CARD, ROSE HOMER, EVANGELINE GLARDON, JOHANNA MOEN, CYNTHIA HILL.

Gentlemen Students.—A. N. MERRILL, J. H. KEMP, P. P. PETERSON.

Athletics.—H. BULLEN, JR , J. H. KEMP, H. J. NELSON, CYNTHIA HILL, A. B. WRIGHT.

Amusements.—W. W. HENDERSON, ROSE HOMER, G. B. HENDRICKS, P. P. PETERSON.

Library.—J. F. MILLER, WESTON VERNON, ZINA Y. CARD.

College Publications.—Weston Vernon, A. E. Bowen, W. M. Wolfe.

Entrance Requirements.—C. H. Skidmore, A. N. Merrill, George B. Hendricks.

College Societies.—J. W. Jensen, A. N. Merrill, A. B. Wright.

Public Lectures.—W. M. Wolfe, P. P. Peterson.

OFFICERS OF ADMINISTRATION.

James H. Linford, President of the Faculty.
Jacob F. Miller, First Counselor to the President.
Weston Vernon, Second Counselor to the President.

COLLEGE COUNCIL.

James H. Linford, Chairman.

J. F. Miller,
Weston Vernon,
Herschel Bullen, Jr.,
W. H. Chamberlin,
A. J. Ridges, Jr.,
C. H. Skidmore,
Walter M. Wolfe,
D. C. Jensen,
J. W. Jensen,
A. B. Wright,
W. O. Robinson,
Rose Homer,
Amos Merrill,
Evangeline Glardon,

George B. Hendricks, Secretary.

BRIGHAM YOUNG COLLEGE.

GENERAL INFORMATION.

HISTORY.

On the 24th day of July, 1877, about a month prior to his death, President Brigham Young conveyed to a board of seven trustees, 9,642 acres of land, located south of Logan City, the profits and issues of which were to be used for the support of an institution of learning to be known as the Brigham Young College. The deed of trust provides that the Gospel of Jesus Christ shall be the basis of College discipline, and that, in addition to the work usually provided for in the curricula of higher institutions, instruction shall be given the students in the important duties of their various church callings.

On August 7, 1877, the Board of Trustees held its first meeting, and began the work of organizing the College in accordance with the requirements of the deed of trust. Owing, however, to the immature condition of its finances, the College was not opened for the admission of students until September 9, 1878. The endowment could not be made to yield a revenue sufficient to bring the institution immediately to a high standard. The purchase and construction of suitable buildings and the provision of necessary apparatus entailed expenses which anticipated the rent of the land for several years, and thereby reduced the means of meeting the ordinary expenses of maintenance. It has progressed, however, by healthy and steady growth until the present time. Each year has marked an improvement in its facilities and an increase in its strength.

The College was first opened in rented rooms of the Logan City Hall, under the principalship of Miss Ida Ione Cook. In the fall of 1882, the College site was purchased. It comprised about seven acres, on which were located several buildings that could be utilized for school purposes. Upon this site in 1883-84 was erected the East Building, which, in addition to class rooms, contained dormitories and other accommodations suitable for a boarding-school.

In July, 1884, Miss Cook resigned and was succeeded by Judge James Z. Stewart, who from 1881 to 1883 had been connected with the institution as instructor. During his presidency, the faculty was increased and the courses of instruction were extended. With his resignation, in the spring of 1888, the idea of making the College a boarding-school was abandoned.

In May, 1888, President Stewart was succeeded by Professor Joseph M. Tanner, during whose administration the faculty was further increased, a chemical and physical laboratory was equipped, and additional courses were offered.

In 1888 the church system of education was established by the Church of Jesus Christ of Latter-day Saints, and the Brigham Young College was placed under the general supervision of the Church Board of Education.

In May, 1891, upon the resignation of Dr. Tanner, Professor Joshua H. Paul became president. During the time of his presidency, the first story of the Laboratory Building was finished, thereby providing rooms for the chemical and physical laboratory, and the work of the Preparatory School. Additional instructors were employed, more advanced work was offered, and a College course was established, leading to the degree of Bachelor of Science.

In May, 1894, President Paul resigned, and was succeeded by Professor W. J. Kerr. At a meeting held in

June of that year, the Board of Trustees more fully organized the College and extended the courses of instruction. The entrance requirements were increased; the Academic and Normal courses were extended from two to three years, each leading to a certificate; and a College course in letters was established, extending through four years and leading to a degree.

During the year 1894-95 the College was the recipient of valuable contributions to the library, made by the authorities of the Church, the College trustees and faculty, and other prominent citizens. In February, 1895, the trustees opened to the public, the Brigham Young College Free Library and Reading Room.

In 1896 the Normal Course was extended to four years; and in 1898 the Academic Course, also, was extended to four years.

In April, 1897, the people of Cache County came to the aid of the trustees and proposed to raise sufficient means by popular subscription for the erection of the new building. On May 3, 1897, the work of construction was begun, and on December 23, 1898, the building was dedicated.

In May, 1898, the Course in Letters was changed to that of Arts. In June, 1899, a Normal School was established. In the same month a tract of land comprising about fourteen acres, adjoining the original site on the south and west, was purchased for an athletic field.

On September 11, 1899, the College was incorporated under the laws of the State of Utah. In April, 1900, a College council was organized, consisting of the President, Professors, and Assistant Professors when in charge of departments.

In May, 1900, President Kerr resigned; and in the following July, Professor James H. Linford was chosen as his successor. Later in the same year the Business and Preparatory courses were established, and early in the year following, the College authorities decided to offer a course in Domestic Arts.

In the Spring of 1902, President Joseph Morrell donated $1,000 toward equipping a laboratory of Mechanic Arts. This generous gift was gratefully accepted, and a four-year course in Mechanic Arts was at once established, thus carrying out the original intent of the founder, President Brigham Young.

In April of 1903, the trustees, in answer to a further demand for practical work, established a course in Civil Engineering. At the same meeting it was explained that because of the crowded condition of the College, negotiations had been carried on looking to the use of the Tithing Office building for the Training-School, in order to make room in the East Building for the departments of Bookkeeping and Domestic Arts. The Church Authorities generously tendered the use of the former building, and before the close of the year the Training-School moved into its new quarters.

In the fall of 1903, the Board of Trustees purchased the lot immediately west of the West Building, thus extending the College grounds in that direction to Second West Street. The two-story brick building on these premises has been remodeled, and will be used hereafter by the Department of Music.

In the spring of 1904, in order to carry out still further the wishes of the founder, a four-year course in Agriculture was established, and it was also decided at the same time to introduce Forge Work, beginning with the ensuing year, 1904-05. In order to do this additional shops, with the necessary equipments, were provided, by the purchase of the Z. C. M. I. building across the street from the East Building. This property affords sufficient room for Forge Work and Carpentry with ample water power for the future needs of the College in this line.

In the spring of 1905, the trustees in order to meet the demand for kindergarten teachers, established a kindergarten department in connection with the Training School, and authorized the College council to outline a four-year course in Kindergarten Training. At the same time it was decided to offer courses in Bricklaying and Masonry, beginning with the year 1905-1906.

GENERAL POLICY.

The special aim of the College is to make of its students sincere Latter-day Saints—men and women who will be useful not only in the missionary field, but also in the many home organizations for the education of the young. It seeks also to promote the higher educational interests of the people, broadly and generously interpreted. It is its aim to provide a liberal and thorough education, embracing not only mental discipline and physical training, but moral and spiritual culture as an essential part of the development of a symmetrical character.

In order to furnish the discipline and the knowledge necessary to the successful prosecution of advanced work, nearly all the studies of the regular courses in the earlier years are prescribed. But when the powers of the students are developed by the required work, the principle of election is introduced; and during the later years, students are permitted to select the subjects in which they are most interested. Opportunity is thereby given for the encouragement of individual adaptation and for a more special preparation for the various vocations of life.

In addition to the prescribed theological work, students are expected to attend devotional exercises; and all who are not residents of Logan are expected to attend the College Sunday School.

The use of strong drinks and tobacco is forbidden.

A domestic committee assists the President in looking after the home life of the students. As a further aid in this direction, the students of the different stakes of Zion in attendance at the College form stake organizations, over which three students, selected by the various Presidents of Stakes, preside. These students, acting in connection with a member of the committee, keep in touch with all the students coming from their several stakes and report bi-monthly the condition of each one in attendance.

LOCATION.

The College is situated in one of the most desirable parts of Logan City, the county seat of Cache County. The city is supplied with electric lights, and has connection by telephone with surrounding towns. It is beautifully located and remarkably healthful. The streets are broad and well drained, and on each side of them is a clear stream of pure, mountain water, bordered with shade trees. With a population of about seven thousand people, Logan combines the activity and good order of a small city, with the freedom and sociability of quiet village life—conditions highly favorable not only to study, but to social and general culture.

Residence in Logan offers many advantages to students. Every year there are opportunities to attend lectures, concerts, and other entertainments of a high order.

BUILDINGS AND GROUNDS.

The College occupies a campus of about twenty-three acres, situated near the center of the city, on the north fork of Logan River. The lower campus, a level area across the river from the College buildings, furnishes space for athletic sports, an aquarium, and horticultural gardens. The College buildings comprise the East Building, the West Building, the Laboratory Building, the Mechanic Arts Building, and the President's Residence. The East Building is constructed of brick and stone. It is seventy feet front by thirty-six feet wide, and four stories in height. The building contains the library and reading room, the general museum, the business department, the kitchen and dining-room, and also the sewing and dressmaking rooms. The West Building is one hundred and eighty-eight feet long by eighty-six feet wide, and three stories in height. It contains the general assembly hall, with a seating capacity of about eight hundred; five offices; fifteen class rooms; the physical and biological laboratories; and the gymnasium, including bath and dressing rooms. The Laboratory Building is fifty feet long by thirty-eight feet wide, and two stories in height. It contains the chemical laboratory, and the carpenter and machine shops. The Training-School Building, located at 27 East, First North Street, is a substantial brick structure two stories high, and contains eight class rooms and a large basement. These buildings are well lighted and ventilated, and are provided with steam heat, water, and electric lights.

In addition to these buildings the Amussen residence —now the Budge and Budge Hospital—is used by the College as a Nurse Training School. This building is a handsome brick structure, two stories high, heated by steam, and supplied with hot and cold water throughout.

The College Campus is touched, on one side, by paved walks and is but one block from the busy part of the city; while at the same distance in another direction, are rich farms and meadows. A branch of the Logan River flows through the grounds, separating the upper from the lower campus. These natural advantages, together with the well-kept lawns and flower beds, give to the surroundings of the College an unrivaled beauty.

MUSEUM.

The College Museum occupies the large north room on the top floor of the East Building. Each year the Museum is enlarged by contributions from the friends of the College, including many missionaries who are laboring in different countries. The Museum is supplied with specimens illustrative of general geology, mineralogy, lithology, paleontology, metallurgy, botany, zoology, and archaeology. There are eight hundred specimens of native plants, four hundred specimens of the flora of New York state, and five hundred specimens of the flora of West Virginia, North Carolina, and Indiana; a large collection of Irish ferns and mosses; a collection of Tasmania ferns; one case of native woods, and one case of specimens from the forests of Alabama and Tennessee; three large cases of Utah minerals and specimens illustrating the milling and smelting operations of Utah metallurgical establishments; one case of fossils, minerals, and curios; one case of coins and aboriginal relics; two large cases of shells, corals, aboriginal relics and specimens illustrative of life in the Sandwich and South Sea Islands, contributed by Mr. and Mrs. B. Morris Young; one case of birds and amphibians; one case of skeletons; and some miscellaneous materials.

Contributions of fossils, ores, animals, relics, and other material of value to the Museum, are solicited from all persons who are interested in the work. All collections sent in this way will be carefully labeled and preserved, and the name of the donor will be kept on record. Express or freight charges on such gifts will be paid by the College.

APPARATUS.

The College is equipped with apparatus for illustrating the courses in natural and physical science. Among the most important items are working models of the elementary and compound machines; apparatus for illustrating gravitation and falling bodies, and hydrostatics; specific gravity balances; scales; Boyle's Law apparatus; Wheatstone's bridge; standard motor; an Atwood machine with aluminum friction wheels and electric pendulum; lever apparatus; Paschal's vase; Ampere's apparatus; compasses; monometric flame apparatus; a sonometer; a baroscope; a barometer; thermometers; center of gravity illustrations; Nicholson's and Beaume's hydrometers; a lever air pump and accessories for illustrations in pneumatics, electric machines, galvanic batteries, an induction coil, conduction apparatus, Daniell's cell, a galvanometer, magnetoscope, resistance box, Geissler's tubes, etc.; Becker's analytical balance and weights; photographic camera and accessories; stereopticon; nine compound microscopes for use in biological work; chemicals, chemical glassware, and re-agents for experiments in general chemistry, and facilities for work in blowpipe and wet analysis, a furnace and accessories for the study of assaying; sterilizers, incubators, and other apparatus for bacteriological work; a twenty-five horse-power engine; and a dynamo capable of generating 250 16-candle-power lights; an engineer's transit with solar attachment, leveling rods, chains, and all accessories; and a three and one-half inch telescope with the latest improvements.

LIBRARY AND READING ROOM.

The Library occupies the north room on the second floor of the East Building. This room is furnished with reading-slopes for current papers and magazines, and with reading-tables sufficient to accommodate one hundred and twenty readers. It is well lighted and ventilated, is supplied with steam heat and electric lights, and during the school year, is open to the public as a reading-room. It is supplied with the current periodicals of Utah, and with the most important newspapers and magazines of the United States. The principal dictionaries and encyclopedias, including the Encyclopaedia Britannica, Chambers' Encyclopaedia, American Encyclopaedia, Century Dictionary, and other works of reference, occupy shelves in the reading-room, within easy access of the readers.

The Library at present contains 4,500 bound volumes and 1,500 pamphlets, and additions are made from time to time to meet the requirements of students in the several departments. Students also make extensive use of the private libraries of members of the faculty.

COLLEGE SOCIETIES.

Each class, upon entering the school, effects an organization, thereby providing a systematic means for looking after the interests of the class as well as for promoting a kindly feeling among its members. Great interest is also shown by students and patrons in maintaining a number of literary and scientific societies, the objects of which appear below.

The Webster Literary Society affords practice in public speaking and in the use of parliamentary law, besides furnishing valuable social and intellectual development. It is exclusively for men.

The Usona Society is an organization which aims to cultivate the social side of life and at the same time to afford an opportunity for the study of some of the fine arts. It is exclusively for women.

The Beacon Light Society is also a society for women. It is made up largely of the immediate friends of the College, including the lady members of the faculty. Its main object is to study that literature which fosters mental, moral, and social growth.

The Brigham Young College Society of American Archeology seeks external and internal evidences of the authenticity of the Book of Mormon. It desires to collect and to preserve records, maps, implements, together with other archeological material, and evidences relating to the aborigines of America; and to promote a careful study of Nephite lands and Nephite history.

The Nature Study Club aims to bring the student close to nature, in order to give him a closer knowledge of that which is discussed in the text-book, and to teach him to observe systematically and to make collections with a view to enriching the working museum of the College. This society is divided into botanical, zoological, and geological departments.

The Engineering Society, emphasizes the application of mathematics, physics, mechanics, and kindred subjects; proposes and discusses miscellaneous questions; and studies the progress of science present and past. Membership in this society is for life.

PUBLIC LECTURES.

Under arrangements made by a committee of the faculty, a series of popular lectures is given by the best speakers that can be secured. Besides other noted lecturers on various topics, Professor Clark of the University of Chicago, during the past three years has given courses of lectures and dramatic recitals.

SUNDAY NORMAL SCHOOL.

The College Sunday School has been organized to meet the needs of the students who do not live in Logan, and further to train young men and young women for active work in the various ward organizations. The great need of the Church is trained teachers. This school seeks to give young men and young women a better preparation for this work. Normal classes are organized in Sunday School, Young Men's Mutual Improvement Association, Young Ladies' Mutual Improvement Association, Religion Class, and Primary methods. These classes are conducted by teachers of experience in the various organizations. The good effects of this teaching are to be seen in all the Sunday Schools where students who have had this training are to be found.

STUDENTS' EXPENSES.

Tuition is free. All students except missionaries pay an annual entrance fee of $10, and all pay an annual library and gymnasium fee of $1. Alumni are permitted to do special work upon payment of such proportion of the entrance fee as the number of hours taken is to a year's requirements in the Arts Course. Others who desire to take a single subject will be permitted to do so on payment of $5 in addition to the library and gymnasium fee. Persons not registered as regular students in the College will be charged $1 a month for the privilege of taking physical culture. Under no circumstances will any part of these fees be refunded.

Students taking laboratory work in chemistry, physics, or biology will be charged an incidental fee to cover the cost of materials used. The amount of this fee is announced with the description of courses and must be paid in advance. No student will be permitted to do work in the laboratories before presenting the treasurer's receipts to the instructor in charge. Arrangements for elective work in music and art are made with the instructors in those departments.

The fee charged for a special certificate is $3; for a certificate of graduation in the high school courses, $5; for a degree, $10. These fees must in all cases be paid before the certificates or degrees are conferred. All the students of the College are held responsible for any injury done by them to its property.

The cost of living in Logan is much lower than in the larger cities of the State. Good rooms and board, in private houses, can be obtained at from $2.50 to $3.75 per week. By renting rooms and boarding themselves, students are able to reduce their expenses to less than $2 a week for room and board. Rooms can be rented from $1.50 to $3 a month.

COLLEGE COURSES.

ADMISSION AND GRADUATION.

Course in Arts.

The following is a condensed statement of requirements for admsision to the Course in Arts. More specific information can be had by referring to the description of courses.

Required Subjects:

- Algebra I,
- Plane Geometry,
- Grammar and Classics,
- Elementary Rhetoric,
- Elementary Physics,
- English Literature,
- American History,
- Civil Government.
- Three years of Language.

Electives:

- Theology a, b, c,
- Solid Geometry,
- Algebra II,
- Elementary Botany,
- General History,
- Elementary Physiology,
- Physiography,
- Elementary Zoology,
- Elementary Bacteriology.
- Theory of Teaching,
- History of Greece,
- Roman History,
- European History,
- Greek,
- Latin,
- German,
- French.

Students preparing to enter this course will elect 36 hours from the subjects named in this group.

COURSE IN CIVIL ENGINEERING.

Required Subjects:

Same as for the Course in Arts, with Solid Geometry and Algebra II in addition.

Electives:

Same as for the Course in Arts, with Drawing, four hours, and Shop Work, eight hours, added.

Students preparing to enter this course will elect 28 hours from the subjects named above.

COURSE IN DOMESTIC SCIENCE.

Required Subjects:

Cooking I,
Cooking II,
Dietetics,
Bacteriology,
Physiology.

Otherwise the requirements are the same as for the Course in Arts, excepting the requirements in language.

Electives:

Elementary Botany,
Physiography,
Theology,
History of Rome,
Latin,
German,
Elementary Zoology,
Theory of Teaching,
History of the Orient,
European History,
French,
Drawing.

Students preparing to enter this course will elect 33 hours from the subjects named above.

REGISTRATION.

Students register at the beginning of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the council. No changes in registration will be allowed except by permission of the faculty.

Students will not be allowed to register for more than seventeen hours of recitations or lectures a week without special permission of the council; and no student who has failed or is conditioned in any subject in the year immediately preceding, will be allowed to register for more than fourteen hours, except by permission of the council. Every hour for which credit is given represents approximately, for the average student, three hours and a half of actual work a week through one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours and a half for preparation or subsequent reading or study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week through one term are required for each hour that counts towards graduation.

A committee of the College Council advises with all students who register in any of the College courses.

CLASSIFICATION.

Students are classed according to the year in which the major part of the work is taken, but no student shall be graduated from any course in the College who does not have credit for 60 per cent of the required work at the beginning of the last year of the course; and credit for 80 per cent at the beginning of the last term of the course.

Persons of mature years, who, for reasons satisfactory to the council, desire to pursue work in some particular department, may be admitted, provided they give evidence of ability to do creditably the work desired. Those who are allowed to enter under this provision are listed as special students. A student who wishes to do work in more than one department, may, when circumstances justify it, depart from the prescribed work of any particular course; but if the major part of his work does not comply with the requirements of any year of any course he will be listed as optional. Special and optional students will not be graduated from any course until they have complied with all requirements for graduation from that course.

GRADUATION.

The degree of Bachelor of Arts is conferred on the completion of the Arts Course, and the degree of Bachelor of Science on the completion of the course in Civil Engineering and also the course in Domestic Science. These courses extend through four years, and no student will be recommended for a degree until he has completed work which, including all the required work of his course, shall amount to fifteen hours of recitation or lectures a week during the four years, or a total of one hundred and twenty hours. No one will be graduated from these courses who has not completed twenty-four hours of theological work, nor will any one be graduated who has not been a resident student of the College for at least one year.

The standing of students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D;* and in order to graduate in any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

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*90 to 100, A; 80 to 89, B; 70 to 79, C; 60 to 69, D; 46 to 59, E (conditioned); below 46, F (failure).

A special teacher's diploma is given to a student at the time of receiving his Bachelor's degree, provided he has completed all the courses in Science and Art of Teaching, and courses 1, 2, and 3, in Philosophy.

COURSES OF STUDY.

The following advanced courses of study are offered:

1. Course in Arts, four years.
2. Course in Civil Engineering, four years.
3. Course in Domestic Science, four years.

The Course in Arts corresponds to the usual course of the leading American colleges and universities, and leads to the baccalaureate degree A. B. This course is designed to furnish a liberal and thorough education, embracing the broad field of general science, mathematics, history, language, and literature. Most of the work of this course is elective, and students are encouraged to pursue the lines in which they manifest the greatest aptitude.

The Civil Engineering Course corresponds to the usual civil engineering courses of the various colleges and universities throughout the country, and leads to the baccalaureate degree B. S. It is intended to meet the demand for a practical, as well as a theoretical, scientific course. Besides furnishing a general education, it offers special training in engineering, mathematics, physics and mechanics.

The Domestic Science Course leads to the degree B. S. It is offered to meet a growing demand for teachers who wish to prepare themselves for positions in high schools, and colleges where Domestic Science is taught; also to encourage young ladies to pursue a college course, at the same time giving them an opportunity to do some work that will prepare them for the practical duties of the home.

ARTS.

Leading to the Degree Bachelor of Arts.

Freshman Year.	First Term.	Second Term.
Church History & Doc.	3	3
Advanced Rhetoric	2	2
Language	4	4
Chemistry *	4	4
Elective	3	3
	16	16

The work of the sophomore, junior, and senior years is elective, subject to the approval of the committee on College Students.

To be graduated from this course, a student must obtain one hundred and twenty credits. Forty credits of language work, including that offered at entrance, are required, no credit for a language being allowed unless two years of work in that language have been completed.

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*Or a language.

CIVIL ENGINEERING.

Leading to the Degree Bachelor of Science.

Freshman Year.	First Term.	Second Term.	
Church History & Doc.	3		3
Advanced Rhetoric	2		2
Mathematics I	3		3
Mechanical Drawing	2		2
Chemistry	4		4
Geology	3		3
	17		17

Sophomore Year.	First Term.	Second Term.	
Mathematics 2, 3	5		5
Physics I	3		3
Surveying	3		3
Descriptive Geometry	2		2
Mineralogy	2		2
	15		15

Junior Year.	First Term.	Second Term.	
Mathematics 9	3		3
Railroad Engineering	2		2
Advanced Astronomy	3		3
Engineering Contracts and Specifications	1		
Hydraulics	3		3
Highway Construction	3	Applied Mechanics	4
	15		15

Senior Year.	First Term.	Second Term.	
Applied Mechanics	5		5
Water Supply and Irrigation Engineering	3		3
Hydraulic Designs	2		2
Municipal and Sanitary Engineering	3	Masonry Construction.	3
Electrical Engineering	2		2
	15		15

DOMESTIC SCIENCE.

Leading to the Degree Bachelor of Science.

Freshman Year.	First Term.		Second Term.
Church History	3		3
Advanced Rhetoric	2		2
General Chemistry	4		4
Cooking III.	4	Household Economics	4
Language or Elective	4		4
	17		17

Sophomore Year.	First Term.		Second Term.
Theology	3		3
Home Nursing	4	Advanced Hygiene	4
Advanced Chemistry	4		4
Language or Elective*	4		4
	15		15

Junior Year.	First Term.		Second Term.
Theology	3		3
Science of Nutrition	4	Decorative Art	4
Psychology	5	Aesthetics or Elective	5
Language or Elective	4		4
	16		16

Senior Year.	First Term.		Second Term.
Economics	3		3
Sociology	2		2
History	3		3
Elective	7		7
	15		15

*Twenty-four units of language are required before graduation.

COURSES OF INSTRUCTION.

Any of the elective courses not desired at the beginning of the term by at least four students, properly prepared, may not be given.

The more advanced elective courses are not all given each year, but vary from year to year to suit the convenience of students; they are so arranged that a student may receive continued and systematic work until all the subjects announced are completed.

THEOLOGY.

Professor Chamberlin.*
Professor Miller.
Assistant Professor Hendricks.

1. **Hebrew Language**; three hours a week throughout the year. An inductive study of the etymology of the language in connection with the reading of the first eight chapters of Genesis. Translation of portions of the book of Samuel.

2. **Advanced Hebrew**; sequence of course 1; three hours a week throughout the year. Hebrew syntax is studied in connection with the reading of Deuteronomy and portions of the prophets.

3. **Old Testament**; required of all third-year students, elective to others; three hours a week throughout the year. This course is primarily an outline of Old Testament history and includes a thorough study of the religious and moral conceptions of the Chosen People, together with careful consideration of their wisdom literature and prophetic writings. Professors Miller and Hendricks.

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*On leave of absence.

4. **Hebrew History**; four hours a week during the first semester. Extending from the Exodus from Egypt to the time of Alexander. The religious development of the people during the period is carefully considered.

5. **The Hebrew Prophets**; sequence of course 4; four hours a week during the second semester. In studying the work and writings of each of the prophets, particular attention is paid to his part in the revelation of the character of God and in the development of the religion of Israel.

6. **New Testament Greek**; four hours a week throughout the year. During the first semester the work is the same as course 1 in Greek; in the second semester one of the gospels is carefully read in connection with the study of the grammar.

7. **New Testament Greek**; sequence of course 6; two hours a week throughout the year. The epistles of Paul are read, and a careful study is made of the mood and tense of the verb.

8. **Life of Paul**; two hours a week throughout the year. Course 6 not a prerequisite.

9. **Life of Christ**; three hours a week during the first semester. A thorough study of the life of our Lord, preceded by a brief study of New Testament times and of the origin of the gospels.

10. **The Teachings of Christ**; sequence of course 9; three hours a week during the second semester. In connection with the study of the social and religious teachings of Jesus, a special study of his parables is made.

11. **Ecclesiastical History**; three hours a week throughout the year. This course begins with the estab-

lishment of the Church of Jesus Christ; briefly reviews the Apostolic Age; and deals with the rise and development of the Roman Catholic Church, the doctrines and history of the prominent heretic sects, the Reformation, and the rise and religious views of the leading Protestant denominations. Professor Miller.

12. **Church History and Doctrine**; required of freshmen students; three hours a week throughout the year. This course deals with the history of the Church during the life of the Prophet Joseph Smith; and includes a systematic study of the doctrines, ordinances, and organization of the Church. Professor Miller.

13. **Church History**; sequence of course 11; two hours a week throughout the year. A course of lectures and readings on the history of the Church from its organization to the present time. Professor Miller.

14. **Book of Mormon**; an advanced course. This course will not be given in 1905-6.

15. **Philosophy of Faith**; open to those having the requisite preparation; four hours a week throughout the year. Self-revelation of God to Israel; His existence and character as seen in history and nature; man's relationship to God; faith in God and repentance of sin as factors in man's development.

ENGLISH LANGUAGE AND LITERATURE.

PROFESSOR VERNON.
ASSISTANT PROFESSOR BOWEN.
ASSISTANT PROFESSOR HENDRICKS.
INSTRUCTOR JENSEN.
INSTRUCTOR HILL.

1. **Advanced Rhetoric**; required in the freshman year and for graduation in all high school courses; two

hours a week throughout the year. This is a continuation of course e, including a more detailed study of the chief varieties of composition—description, narration, exposition, and argumentation, with written exercises in each.

2. **Elocution II**; elective to those who have completed Elocution I; three hours a week throughout the year. This course includes an interpretative study of one drama, and one other English or American masterpiece. Some attention is also given to reading and declaiming from the platform.

3. **History of the English Language**; elective to those who have completed course 1; three hours a week during one term. This course follows the general development of the language, taking note of the various modifying influences that have been in operation from the Roman Conquest of Britain down to the present time.

4. **Old English I**; elective to those who have completed course 1; three hours a week during one term. An elementary study of Anglo-Saxon grammar, together with readings from Anglo-Saxon prose and poetry. Cook's First Book in Old English.

5. **Old English II**; elective to those who have completed course 4; three hours a week during one term. This course comprises a general view of Anglo-Saxon literature together with a critical study of Beowulf.

6. **American Literature**; elective to those who have completed course e; three hours a week throughout the year. A general survey of poetry and prose, with lectures, criticisms, and assigned readings of American masterpieces.

7. **Chaucer**; elective to those who have completed course f; two hours a week throughout the year. A study

of Chaucer's chief works, with special attention given to the Canterbury Tales.

8. **Spenser**; elective to those who have completed course f; two hours a week throughout the year. A reading and discussion of the Fairy Queen.

9. **Shakespeare**; elective to those who have completed course f; two hours a week throughout the year. This course consists of the study and interpretation of representative plays, supplemented by the reading of selected criticisms.

10. **Milton**; elective to those who have completed course f; two hours a week throughout the year. A thorough study of Paradise Lost and Paradise Regained.

11. **Tennyson and Browning**; elective to those who have completed course f; two hours a week throughout the year. In this course only a few choice poems will be selected for minute study in class, but students will be expected to familiarize themselves with all the writings of these two poets.

12. **The Novel**; an elective course to those who have completed course f; four hours a week throughout the year. The novel is considered historically as regards its origin and growth, philosophically as regards its structure and relationship to other forms of literary art. Masterpieces representing the various stages in the growth of fiction are studied and discussed.

13. **The Short Story**; elective to those who have completed course f. This course comprises a study of the short story masterpieces in all literatures, with special reference to artistic qualities; and is so planned that either two or three hours of credit may be given. Those working for the higher credit will be required to write several short stories.

14. **The Drama**; elective to those who have completed course f; three hours a week throughout the year. Representative ancient and modern plays are studied, with special attention paid to technique.

15. **The Epic**; elective to those who have completed course f; three hours a week throughout the year. The works of the great epic poets from Homer to Milton are studied and discussed.

16. **Literary Forms**; elective to those who have completed course f; three hours a week throughout the year. This is an elementary course in literary criticism in which the various literary forms, both in prose and poetry, are considered with respect to their nature and beginnings. Copious readings, illustrative of the forms studied, are required.

17. **Literary Criticism**; elective to those who have completed courses f and 16; three hours a week throughout the year. This course comprises a study of the history of literary criticism from Aristotle to the present time, together with the study of underlying principles and an application of them to several typical literary forms.

18. **General Literature**; elective to those who have completed course f, to others only by permission; three hours a week throughout the year. In this course masterpieces are selected from foreign languages and studied in English translations. During the year 1905-06, Greek and Latin literature will receive special attention.

19. **Periods of English Literature**; elective to those who have completed course f; three hours a week throughout the year. In this course the history of English literature is divided into periods as follows:

Age of Chaucer, (1340-1400).
Age of Shakespeare, (1579-1632).
Age of Milton, (1632-1660).

Age of Dryden, (1660-1700).
Age of Pope, (1700-1744).
Age of Johnson, (1744-1798).
Age of Wordsworth, (1798-1830).
Age of Tennyson, (1830-1892).

One term is given to each period. It is possible, therefore, for students to elect this course year after year until all the work has been completed.

20. **Proof-reading and Journalism**; open as an elective to students doing work on the College paper; to others only by special permission; either one or two hours of credit throughout the year. This course comprises, together with as much practical work as possible, a study of the following topics:

The preparation of copy for the printer;
Punctuation and proof-reading;
Sizes and styles of types;
The history of journalism;
The gathering and reporting of news;
Writing advertisements;
The law of libel and the law of copyright. Credit for work on the College paper will be given to members of the staff provided this course is taken in connection therewith.

MODERN LANGUAGES.*

ASSISTANT PROFESSOR GLARDON.

French.

1. **First Year**; four hours a week throughout the year. Fraeser and Squair's Grammar; Aldrich and Foster's French Reader. Students registering for this course must take English Grammar during the first term.

2. **Second Year**; four hours a week throughout the

year. Fraeser and Squair's Grammar; Halevy's L'Abbe Constantin; Sarcey's Le Siege de Paris; Merrimee's Colomba; Labiche and Martin's Le Voyage de Monsieur Perrichon.

3. **Third Year**; four hours a week throughout the year. Fraeser and Squair's Grammar; review and composition work; Dumas' Les Trois Mousquetaires; Lamartine's Graciella; Hugo's Les Miserables; Corneille's Cid; Moliere's L'Avare.

German.

1. **First Year**; four hours a week throughout the year. Spanhoofd's Ein Lehrbuch der Deutschen Sprache; Lange's German Reader; Gerstacker's Germelshausen. Students registering for this course must take English Grammar during the first term.

2. **Second Year**; four hours a week throughout the year. Joynes-Meissner's Grammar; Geistacker's Irrfahrten; Storm's Immensee; Mosei's der Bibliothekor; Heyse's L'Arrabiata; Schiller's Der Neffe als Onkel.

3. **Third Year**; four hours a week throughout the year. Joynes-Meissner's Grammar; Heine's Harzreise; Schiller's Wilhelm Tell; Freytag's Soll and Haben; Chamisso's Peter Schlehmil; Goethe's Hermann and Dorothea.

ANCIENT LANGUAGES.*

Professor Chamberlin.
Professor Wolfe.
Assistant Professor Bowen.

Greek.

1. **First Year**; four hours a week throughout the

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* Students may receive credit toward graduation in high school course after the completion of one year's work in language

year. White's First Greek Book is used, and the first book of Xenophon's Anabasis is translated. Throughout this course, special attention is given to prose composition, rather as a means of fixing Greek forms in the mind than as an end to be attained.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Xenophon's Anabasis, books II, and III, and Homer's Iliad, books I-VI, are translated.

3. **Third Year**; open to those who have completed course 2; four hours a week throughout the year. Homer's Odyssey, books I, II, and III; Xenophon's Memorabilia; selections from Herodotus and Thucydides.

4. **Fourth Year**; open to all who are qualified; four hours a week throughout the year. Aeschylus' Prometheus Bound; Sophocles' Antigone; Euripides' Alcestis; Aristophanes' Birds; Plato's Apology and Crito.

Latin.

1. **First Year**; four hours a week throughout the year. The aim in this course is to have the student acquire a thorough mastery of the chief elements of Latin syntax, and a vocabulary sufficient to enable him to begin the reading of Caesar. Collar and Daniell's First Year Latin is completed.

2. **Second Year**; open to those who have completed course 1; four hours a week throughout the year. Rolfe and Dennison's Junior Latin Book is used as a text book. Latin Prose Composition.

3. **Third Year**; open to those who have completed

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* Students may receive credit toward graduation in high school courses after the completion of one year's work in language.

course 2; four hours a week throughout the year. Several of the orations of Cicero are read. Prose composition is also required.

4. **Fourth Year**; six books of the Aeneid of Vergil are read. Special attention is given to prosody.

5. **Fifth Year**; open to all who are qualified; three hours a week throughout the year. Cicero's De Amicitia; Odes of Horace; Livy's Roman History, books XXI, XXII; Terence's Andria.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

1. **Grecian History**; open as an elective; two hours a week throughout the year. This course is a study of the political and intellectual development of Greece, special attention being devoted to the Athenian and Spartan forms of government, and to the confederacies of Achaia and Aetolia.

2. **Roman History**; open as an elective; two hours a week throughout the year. This course is a study of the political development and territorial growth of Rome, and the leading economic problems and constitutional questions associated therewith. Attention is also directed to the influence which the politcal institutions and legal conceptions of Rome have exerted in modern times.

3. **The Middle Ages**; open as an elective; three hours a week throughout the year. The Holy Roman Empire; the Feudal System; the Crusades; the Papal Supremacy; the Monastic Systems; the Renaissance.

4. **The French Revolution, Its Causes and History**; open as an elective; three hours a week throughout the

year. This course is introduced by a brief sketch of the Dutch, English, and American Revolutions.

5. **Constitutional and Political History of the United States**; open as an elective; four hours a week throughout the year. In this course special attention is given to the various local systems of government, and the development, during the colonial and revolutionary periods, of the principles embodied in the Constitution.

6. **The Civil War; Reconstruction; National Development**; open as an elective; four hours a week throughout the year.

7. **History and Philosophy of the State**; open as an elective; five hours a week throughout the year. This course deals with the nature and origin of the State; its organization and development, as exemplified in the histories of Greece, Rome, Modern Europe, and the United States.

8. **International Law**; open as an elective; three hours a week throughout the year. Course 9 gives an outline of laws recognized in international affairs, with an historical treatment of their development and modifications.

ECONOMICS.

ASSISTANT PROFESSOR HENDRICKS.

1. **Political Economy**; required in the fourth year of the Agricultural and Business courses, open as an elective in others; three hours a week throughout the year. This course deals with the logic of economics and the laws governing the accumulation and distribution of wealth. Gide's Political Economy.

EDUCATION.

PROFESSOR D. C. JENSEN.

1. **Pedagogy**; required of fourth-year Normal students; four hours a week throughout the year. This course deals with the application of the principles of teaching to the various school branches. Methods of teaching, school management, government, discipline, etc., are emphasized. McMurry's Special Methods, Scott's Organic Education and Waymarks for Teachers, are used as texts, supplemented by lectures and discussions. A review of Arithmetic and Grammar is given in this course.

2. **Child Study**; elective to students who have completed Psychology I; two hours a week throughout the year. Chamberlin's The Child, and Oppenheim's Development of the Child are the texts used.

3. **History of Education**; open as an elective to students who are prepared for the work; three hours a week throughout the year. This course treats thoroughly the history of ancient, mediaeval, and modern education. Laurie's Pre-Christian Education, and Compayre's History of Pedagogy are the texts, which are supplemented by readings from Davidson's and other works and by lectures and discussions.

4. **Philosophy of Education**; open as an elective to those who have completed course 3 in Education and course 1 in Philosophy; two hours a week throughout the year. Study and discussion of special topics in the philosophy of education, and of the great exponents of educational thought and practice. Rosenkranz's Philosophy of Education and Tompkin's Philosophy of Teaching. Lectures and class discussions, with supplementary readings.

5. **Educational Systems**; open as an elective to

those who have taken course 2; two hours a week throughout the year. The comparative study of educational systems, domestic and foreign, the reports of the commissioner of education; and suitable reports of the National Educational Association are considered. Lectures and discussions.

PHILOSOPHY.

Professor Jensen.

1. **Psychology I**; required of third-year Normal students, open as an elective to others; five hours a week during the first term. The aim of the course is to make the student familiar with the fundamental phenomena of mind, special attention being paid to the application of the principles of education. The physical basis of mind; importance and application of habit in education, knowing, feeling, and willing, are leading topics of the course.
Texts: Titchener's Outlines of Psychology, and Gordy's New Psychology.

2. **Psychology II**; open as an elective to those who have completed course 1; three hours a week during the first term. Lectures, recitations, discussions, private reading, and theses. James's Principles of Psychology Stout's Manual of Psychology, and other standard works.

3. **Ethics**; a continuation of course 2; three hours a week during the second term. Introduction to the various schools of ethics; fundamental moral ideas and their order; the good, its definition and nature; subjective ethics; development in morals; moral responsibility; merit and demerit; ethics and religion; ethics of the individual; duties to self and their relation to the duties of others; ethics of the family; and ethics of society. Mackenzie's Manual of Ethics, and supplementary reading.

4. **Logic**; open to those who have completed course 2; three hours a week during the second term . Lectures and class discussions. Creighton's Introductory Logic, and Poland's Laws of Thought.

5. **Sociology**; open as an elective to those who have completed Psychology 1; three hours a week throughout the year. An elementary course designed to give students a foundation knowledge of the principles of social organization, and of the nature and laws of human society. The thoughts, purposes, and virtues of society, and the benefits it confers are carefully considered. Gidding's Principles of Sociology, and Mackenzie's Introduction to Social Philosophy, with supplementary readings. (Will not be given in 1905-06.)

7. **Kant's Philosophy**; three hours a week during the first term. The Critique of Pure Reason is studied as a text, and portions of Kant's other works are read and discussed, the aim being to familiarize the student with Kant's problem and his method of solution.

8. **Spencer's Philosophy**; three hours a week during the second term. Spencer's First Principles and selections from his Sociology and other works are carefully considered. The aim is to understand the general nature of Spencer's philosophy, and the fundamental principles upon which it is based.

MATHEMATICS.

Professor Skidmore.
Professor J. W. Jensen.

1. **Trigonometry, Algebra III**; three hours a week throughout the year. Prerequisite, Mathematics a, b, c.

(a). Trigonometry. Plane and spherical trigonometry, including a study of some of the more important applications. Phillips and Strong's Trigonometry with Tables. First term.

(b). Algebra. An introduction to series, to determinants, and to higher equations. Wells' Advanced Course in Algebra, completed. Second term.

2. **Analytic Geometry**; required of students in the second year of the Civil Engineering Course; open as an elective to others; two hours a week throughout the year. An application of algebraic methods to geometry; plane curves; introduction to the analytical geometry of space. Based on Ashton's Analytic Geometry.

3. **Differential and Integral Calculus**; required of students in the second year of the Civil Engineering Course; elective to others; three hours a week throughout the year. An elementary treatment based on Murray's Infinitesimal Calculus.

4. **Analytic Mechanics**; required of students in the fourth year of the Civil Engineering Course; elective to others; three hours a week throughout the year. The course is based on Bowser's Analytic Mechanics. Supplementary work in other texts.

5. **Theory of Equations Including Determinants**; elective; three hours a week throughout the year. Burnside and Panton's Theory of Equations, Vol. I and Vol. II, supplemented by lectures.

6. **Advanced Analytic Geometry**; **elective**; five hours a week during the first term. C. Smith's Conic Sections.

7. **Solid Analytical Geometry**; elective; five hours a week during second term. Sequel of course 6. C. Smith's Solid Geometry.

8. **Advanced Calculus**; elective; five hours a week

throughout the year. Byerly's Differential Calculus and Integral Calculus.

9. **Differential Equations**; required of students in the third year of the Civil Engineering Course, elective to others; three hours a week throughout the year. An advanced course in Calculus, including parts of Murray's Differential Equations.

10. **History and Philosophy of Mathematics**; elective; one hour a week throughout the year. Ball's History of Mathematics; Comte and Bledsoe's Philosophy of Mathematics.

PHYSICS.

INSTRUCTOR PETERSON.

1. **General Physics**; open as an elective to students who have completed Physics a, and Mathematics 1; four hours a week throughout the year. The aim in this course is to give as thorough a treatment of the subject as is usually given without the aid of the calculus. Carhart's University Physics. Laboratory fee, $1.00 a term.

2. **Advanced Physics**; open as an elective to those who have completed Physics 1, and Mathematics 2 and 3; three hours a week throughout the year. This course consists of a mathematical treatment of sound, light, and heat.

3. **Electricity and Magnetism**; open to those who have completed Physics 1, and Mathematics 2 and 3; two hours a week throughout the year. J. J. Thompson's Elements of the Mathematical Theory of Electricity and Magnetism.

4. **The Steam Engine**; elective in the Junior and Senior years; two hours a week throughout the year. Elementary Physics a prerequisite. A theoretical and

practical course which investigates the mechanism, construction, and operation of engines. It includes a study of details, construction, erection, accessories, repairs, and inspection. A brief history of the development of the steam engine will also be given.

ASTRONOMY.

PROFESSOR SKIDMORE.

1. **Descriptive Astronomy**; open as an elective; three hours a week during the first term. Frequent use of the telescope adds greatly to the value of this interesting science. Todd's New Astronomy, with supplementary work.

2. **General Astronomy**; open as an elective; three hours a week throughout the year. A general presentation of astronomical facts, principles and methods. Based on Young's General Astronomy.

CIVIL ENGINEERING.

PROFESSOR J. W. JENSEN.

1. **Mechanical Drawing**; required of freshmen; two hours a week throughout the year. Use of instruments, solution of geometrical problems, inking, principles of projection, working drawings. Faunce's Mechanical Drawing. Lectures and Laboratory work.

2. **Descriptive Geometry**; required of sophomores; two hours a week throughout the year. The course is adapted to students in civil engineering. Representation of lines, planes, surfaces, and solids, and of their relations; shades, shadows, and perspective; original problems. Reference books: Faunce's Descriptive Geome-

try, MacCord's Descriptive Geometry, and Hill's Shades, Shadows, and Perspective.

3. **Surveying**; required of sophomores, three hours a week throughout the year. Theory of surveying; modern surveying instruments, with their care, use and adjustment; methods employed in topographic, land, city, mining and hydrographic surveys; also the making of maps and calculations from field notes. Raymond's Plane Surveying.

4. **Railroad Engineering**; required in the junior year, two hours a week throughout the year. The theory relating to railroad surveying, including reconnaissance, preliminary survey, location, determination of grades, cross-sectioning, map and profile, computations. Reference books: Searle's Field Engineering, Wellington's Railway Locations, and Tratman's Track and Track Work.

5. **Municipal and Sanitary Engineering**; required in the senior year; three hours a week during the first term. Conditions affecting water, water-pipe systems, filtration, utilization and disposal of sewage; ventilation and trapping of basins, closets, and sewer-pipes.

6. **Hydraulic Engineering**; required in the junior year; three hours a week during the entire year. General principles; flow of water through pipes and orifices, over weirs, and in open channels; flow of gases; impulse and resistance of water, dams, reservoirs, and canals; design of water systems. Merriman's Hydraulics.

7. **Highway Construction**; required in the junior year; three hours a week during the first term. Surveys, location, grades, foundations; materials, brick, wood, asphalt, cement, etc.; maintenance and expense; tools required in construction. Text-book: Byrne's Highway Construction.

8. **Masonry Construction**; required in the senior year; three hours a week during the second term. Stability of masonry structures in general; arches with vertical and inclined loads; foundations, walls, earth and high masonry dams; cement, concrete, and masonry. Reference books: Cain's Retaining Walls, and Baker's Masonry and Foundations.

9. **Water Supply and Irrigation**; required in the senior year; three hours a week throughout the year. Land irrigation; construction of reservoirs and canals; division, distribution, and use of water; periods for watering; practical problems. Reference books: Fanning's Water Supply, Wilson's Irrigation Engineering, and Reports of Irrigation Investigations by U. S. Department of Agriculture.

10. **Engineering Contracts and Specifications**; required in the junior year; one hour a week during the first term. A careful study is made of the essential principles of law involved in contracts; discussions on the characteristics of written and implied contracts; the various forms of contracts, together with the general conditions necessary for correct interpretation, are also considered.

11. **Applied Mechanics**; this course begins with the second term of the junior year, four hours a week, and continues five hours a week throughout the senior year. The course is based on Sanza's Applied Mechanics and Johnson's Modern Framed Structures. Both analytic and graphic methods of solution are employed.

12. **Hydraulic Designs**; required in the senior year; six hours a week throughout the year, counting four credits. This course consists of the complete designs, with computations and drawing of a number of hydraulic structures such as pipes, wooden, steel, and iron; gates and valves; wooden flumes, sluice ways, gate houses, etc.

13. **Electrical Engineering**; required of seniors; two hours a week throughout the year. This course consists of a study of the principles of electricity, both direct and alternating currents, together with a careful study of the apparatus used in the development, measurement and transmission of electrical energy.

14. **Summer Field Course**; for four weeks following commencement of the junior year, an extended survey of a suitable track near Logan is made. A camp is established and work is carried on, as far as possible, just as in actual practice. A general survey, illustrating methods in topographic, city, and mine surveying is made. Field notes are completely worked up in the office and embodied in maps, computations, etc. This course will be required of all students in engineering when a sufficient number are registered to justify the College in giving the work.

CHEMISTRY.

Professor Ridges.
Instructor Kemp.

1. **General Chemistry**; required in the freshman year of College courses; four hours a week throughout the year. Lectures, recitations, and laboratory work. Laboratory fee, $2.50 a term. Newell's Descriptive Chemistry.

2. **Qualitative Analysis**; open to those who have completed course 1; five hours a week during one term. Chiefly laboratory work, with discussions on schemes for analysis, solutions of problems, etc. Laboratory fee, $2.50 a term.

3. **Quantitative Analysis**; open to those who have completed courses 1 and 2; six hours' credit, from twelve

to fifteen hours laboratory work a week being required. Laboratory fee, $2.50 a term.

4. **Advanced Qualitative Analysis**; five hours a week during the first term. This is a continuation of course 2; special problems in analysis and synthesis, with practical applications. Fresenius' Manual of Qualitative Analysis, and Prescott and Johnson's Qualitative Analysis, as guides.

5. **Advanced Quantitative Analysis**; five hours a week during the second term. Open to those who have completed courses 1, 2, and 3. The work includes the analysis of some commercial preparations, limestones, ores, etc.

6. **Industrial Chemistry**; open to those who have had course 1; three hours a week during the second term. This course comprises a study of the following: Air and its contamination; gas and oil lighting; petroleum; pigments, paints, etc.; explosives; glass; photography.

7. **Organic Chemistry**; open to those who have had course 1; five hours a week throughout the year. Lectures, recitations, and laboratory work. This is an elementary course designed to acquaint the student with the common compounds of carbon, such as fats, soaps, dyes, perfumes, hydrocarbons, etc. Perkin and Kipping's Organic Chemistry.

*8. **Assaying**; open to all who have had courses 1 and 2; three hours a week during the second term. This course should be accompanied or preceded by course 3.

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* This course may not be given in 1905-06.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.
ASSISTANT PROFESSOR HENDERSON.

1. **Morphology of Invertebrates**; elective to those who have completed course a; three hours a week throughout the year; lectures two hours, laboratory four hours. Typical invertebrate forms, both marine and those of our own locality, are studied by dissection and prepared specimens. Enough systematic work is given to show the relationship existing between the groups. Laboratory fee, $2.00 a term.

2. **Morphology of Vertebrates**; elective to students completing course 1; three hours a week throughout the year; lectures two hours, laboratory four hours. This course consists of lectures, assigned readings, and the dissection of such typical forms as the hagfish, the lizard, the snake, the pigeon, the cat, etc. Laboratory fee, $2.00 a term.

3. **Thallophytes**; elective to those who have completed course a; three hours a week during the first term; two lectures, and four hours in the laboratory. A morphological and systematic study of the commoner forms of Algae and Fungi. Special attention is given to smut, rust, mildews, etc. Laboratory fee, $2.00.

4. **Spermatophytes**; elective to those who have completed course a; three hours a week during second term; two lectures, and four hours of laboratory and field work. Lectures are given on the principles of classification, followed by a study of the gross structure of our common flowering plants. Laboratory fee, $2.00.

5. **Morphology of Compositae**; elective to those who have completed course 2; three hours a week during the second term; two lectures, and four hours laboratory

practice. A morphological and systematic study of Compositae. Laboratory fee, $2.00.

6. **Bryophytes and Pteridophytes**; elective to those who have completed course 1; three hours a week during second term; two lectures, and four hours laboratory and field work. A morphological and systematic study of Mosses and Ferns, our local species receiving the special attention of the student. Laboratory fee, $2.00.

7. **Histology and Physiology of Plants**; elective to those who have completed course 2; three hours a week throughout the year. A study of the microscopic structure, the development, and the vegetative processes of Phanerogams. Laboratory fee, $2.50 a term.

9. **Pathogenic Bacteriology**; elective to those who have completed course 8; five hours a week during the second term; two hours lecture and recitation, and six hours laboratory practice. This is a further study of technique, and a careful examination of common disease germs. Lectures are given on the germ theory of disease, methods of sterilization and Pasteurization, and other work essential to a thorough knowledge of bacteriology. Laboratory fee, $2.50.

10. **Advanced Bacteriology**; elective to those who have completed courses 8 and 9; four hours a week throughout the year. This is a course in research work. Some problem in which the student is interested is assigned for careful investigation. Laboratory fee, $2.50 each term.

ANATOMY, PHYSIOLOGY, AND HYGIENE.

PROFESSOR WOLFE.

1. **Advanced Physiology**; open to those who have had course a; four hours a week throughout the year.

Lectures, recitations, and laboratory work. It is the aim in this course to make a thorough, detailed study of the structure and functions of the organs of the human body, and to demonstrate all points as far as can be done in the ordinary laboratory. Special attention is given to the processes of life, and the laws which control the development of the human body. Laboratory fee, $1.50 a term.

2. **Histology**; open to those who have completed course 1; three hours a week throughout the year. This course is a microscopical study of normal elementary tissues, including an acquaintance with methods of preparing material for microscopical examination. The student receives thorough drill in embedding, sectioning, and staining. Laboratory fee, $2.50 each term.

GEOLOGY AND MINERALOGY.

PROFESSOR WOLFE.

1. **Geology**; three hours a week throughout the year. Lectures, laboratory and field work. In the first term dynamical and structural geology are discussed, with the physical and chemical determination of our common minerals and rocks. The second term is devoted to historical geology, the study of typical fossils, and the determination of local geological formations and conditions. Le Conte's Elements of Geology (latest edition), is the text-book. Geikie's Text Book of Geology, Lyell's Principles of Geology, and Dana's Manual of Geology are used as reference works, and outside readings from Reports of U. S. Geological Surveys are prescribed.

2. **Economic Geology**; elective to those who have completed course 1; three hours a week during the first term. Lectures, laboratory and field work. A study in practical geology, dealing with minerals, rocks, ores, soils, fertilizers, mineral springs, etc. Mining terms and meth-

ods are discussed, with brief descriptions of our great metalliferous and coal deposits. Tarr's Economic Geology is the class book. Page's Economic Geology and works on special subjects are used as text and reference books.

3. **Great Basin**; elective to those who have completed course 1; three hours a week during the second term. A study of the origin and growth of the Great Basin, Grand Canyon, Henry Mountains and Plateau regions, with their characteristic mountains, rivers, and lakes. Lectures and field work.

4. **Elementary Mineralogy**; elective to those having suitable preparation; three hours a week during the second term; two lectures and four hours of laboratory work. The student is taught to determine the more common minerals, and is made acquainted with some of their most important properties. Dana's Minerals and How to Study Them. Laboratory fee, $1.50.

5. **Advanced Mineralogy**; elective to those who have completed course 4, and Chemistry 1; lectures two hours, laboratory work four hours throughout the year. The work of this course is a continuation of course 4, but enters more into detail. Special attention is given to crystallography and blow-pipe analysis, the student being required to determine not fewer than seventy-five mineral species. Dana's System of Mineralogy and Williams' Crystallography. Laboratory fee, $2.00 a term.

DOMESTIC SCIENCE.

ASSISTANT PROFESSOR HOMER.

1. **Cooking III**; required of freshmen in the Domestic Science Course; four hours a week during the first term. This work includes a course in chafing-dish cookery; also during the term the pupils are required

to serve a Thanksgiving or Christmas dinner and a "high tea." The students plan the menu, do the marketing, and prepare and serve the meal with a given sum of money.

2. **Household Economics**; required of freshmen in the Domestic Science Course; four hours a week during the second term. A course treating the most scientific and economic method of home making, arrangement, furnishing and decoration of the rooms so as to make them attractive without costly furnishings; the best methods of doing all kinds of housework with a view to economy of time and strength. Household Sanitation is also emphasized.

3. **Home Nursing**; required of sophomores in the Domestic Science Course, and of fourth year high school students in the Domestic Course; four hours a week during the first term. A course treating some of the fundamental principles involved in nursing the sick. A course in supplementary reading will be outlined, each student being required to report in writing a summary of the books read. Reference will be made to such authors as Shaw, Wilson, Stoney, and Canfield.

4. **Hygiene**; required of sophomores in the Domestic Science Course and fourth year high school students in the Domestic Course; four hours a week during the first term. Important instruction is given to the young women in the care of personal health.

5. **Science of Nutrition**; required of junior students in the Domestic Science Course; four hours a week during the first term. A careful consideration of the different foods with reference to their chemical composition, nutritive value, digestibility, and the amount and kinds required in different occupations and climates. Constant use is made of government bulletins on the subject, and books by the best authors are read as supplementary work.

HIGH SCHOOL COURSES.

ENTRANCE REQUIREMENTS.

Graduates of the State District Schools and those who have completed the Preparatory Course of the College are admitted without examination to the High School Courses. Other applicants for admission to these courses must pass a satisfactory examination in the following:

English.—The examination in grammar is based on Reed and Kellogg's Higher Lessons in English or an equivalent. Simple exercises in composition will be included, requiring a knowledge of the structure and arrangement of sentences and paragraphs, the use of capitals, and the simpler principles of punctuation.

The applicant should be able to read intelligently any selection in the Stepping Stones to Literature, Book VIII, and to spell the words in the Modern Spelling Book.

United States History.—Thomas' or Ellis' United States History, or an equivalent.

Georgaphy.—Tarr and McMurray's Complete Geography or an equivalent. More importance will be attached to a knowledge of countries and people than to a knowledge of obscure points of topography. The geography of the United States, and particularly of Utah, should be known in considerable detail.

Arithmetic.—Fundamental principles, decimal and common fractions, denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight. United States money; measurements; and the simpler cases of percentage. Southworth's Essentials of Arithmetic, Book II, or an equivalent.

Penmanship.—The examination in penmanship is based on Michael's System of Rapid writing, or on any of the vertical round hand systems. The applicant will be tested as to position, legibility, and rapid movement.

MISSIONARY COURSE.

Missionaries presenting certificates of appointment are admitted to this course without examination. Others may be admitted provided they show their ability to do the work outlined, and obtain permission from the College authorities.

REGISTRATION.

Students in all courses register at the beginning of the collegiate year for the work of the whole year. No credit will be allowed for work not registered, except by special vote of the Council. No changes in registration will be allowed except by permission of the Faculty.

In the High School Courses, students will not be allowed to register for more than twenty hours of recitations or lectures a week without special permission, and no student who has failed or is conditioned in any subject in the year immediately preceding, will be allowed to register for more than seventeen hours, except by permission of the Faculty. Every hour for which credit is given represents approximately, for the average student, three hours actual work a week though one term. In lecture and recitation work, one hour is allotted to the lecture or recitation and two hours for preparation or subsequent reading and study on the part of the student. Where the time is wholly occupied with field or laboratory work, three full hours a week though one term are required for each hour that counts toward graduation. See "Courses of Study."

CLASSIFICATION.

No student will be registered as a first-year student who is not carrying at least 10 hours of high school work; no student will be registered in the second year who does not have credit for 19 hours of high school work; no student will be registered in the third year who does not have credit for 57 hours; and no student will be registered in the fourth year who does not have credit for 95 hours of work.

GRADUATION.

Students who complete the four-year high school courses receive certificates of graduation. Those who complete the three-year course receive special certificates Those who complete the work of the Normal Training-School, receive grammar grade certificates.

The standing of students in each subject is determined from the daily record of recitations, written and oral reviews, and final term examinations. No credit is given toward graduation in any subject in which the grade is below D*; and in order to graduate in any course, at least three-fourths of a student's percentages must be above D. Students who receive E in any subject are conditioned in that subject; those who receive F, fail. In prescribed courses, students who do not remove conditions by special examination before the course in which the conditions have been received is again given, and those who fail, are required to take the subject again in class. Students who do not graduate with the class in which they enter, will be held to all the requirements made of the class with which they finally graduate.

*** 90 to 100, A; 80 to 89, B; 70 to 79, C; 60 to 69, D; 46 to 59, E (continued); below 46, F (failure).**

COURSES OF STUDY.

The following courses of high school grade are offered by the College.

1. Classical Course, four years.
2. Science Course, four years.
3. English Course, four years.
4. Normal Course, four years.
5. Kindergarten Normal Course, four years.
6. Business Course, four years.
7. Agricultural Course, four years.
8. Mechanic Arts Course, four years.
9. Domestic Course, four years.
10. Course in Music, four years.
11. Preparatory Engineering Course, three years.
12. Short Business Course, three years.
13. Short Domestic Course, three years.
14. Short Kindergarten Course, three years.
15. Missionary Course, one year.
16. Preparatory Course, one year.

The Classical Course is offered for those who desire a culture training. The person who receives a thorough education in Latin, Greek, and mathematics, along with the usually related subjects, has in many respects, decided advantage in life over the one not having had such training. This course is adapted for those who expect to do advanced work along the lines of English and other modern languages, history, anthropology, sociology, law, medicine, etc.; at the same time, however, the work is so planned as to give an excellent preparation for life to those who do not continue their studies beyond this course.

The Science Course aims to emphasize the natural and physical sciences by requiring one or more of these in each of the four years of the outlined work, the natural sciences preceding the physical. The purpose of this arrangement is to familiarize the student with nature and some of her manifestations, and to give such an introduction to the science of chemistry and physics as will qualify him for future study and research. This course is an excellent preparation for college and university courses in English as well as in the sciences.

The principal aim in the **Normal Course** is to qualify students for the profession of teaching. The regular normal work is so combined with moral and religious instruction, and with literary, historical, mathematical, and scientific subjects as to insure most efficient preparation for teachers, and a practical, harmonious education for persons who may not desire to teach. There is a great demand for well qualified teachers, principals, and superintendents. As artists, lawyers, engineers, physicians, must attend their professional schools or colleges before entering successfully upon the work of their respective professions, so the modern progressive teacher must receive a thorough and extensive course in a well-equipped Normal School before being able to direct successfully and wisely the work of the school room.

Beginning with the third year, the professional work of the Normal Course extends through two years, and includes thorough courses in the principles and practice of teaching, school organization and school management, the fundamental laws of mind development with reference to their application in teaching, and the history and philosophy of education.

In connection with this course, a Normal Training-School is maintained by the College. In this school each grade is in charge of an experienced critic teacher, chosen with special reference to his fitness for the work of his grade. Here the Normal students have an opportunity to observe the regular work, and later to teach in each grade, thereby putting into practice the principles of instruction given in the class room. Their teaching is observed daily by critic teachers and normal instructors, who assist the students in the preparation of their work and offer directions and criticisms. The time thus devoted to teaching under the supervision of specialists is ordinarily worth more to the teachers than years of unaided experience. In the fourth year of this course, a review of one hour a week is prescribed in grammar and arithmetic to insure a high standard of excellence in these subjects.

The Business Course is designed to prepare students for commercial business pursuits, and furnishes the necessary technical training in penmanship, bookkeeping, stenography, typewriting, commercial arithmetic, commercial law, political economy, civil government, and the other branches usually offered in a business course. At the same time the fact is emphasized that a busines education is not merely the imparting of such knowledge as is necessary to make bookkeepers, stenographers, and clerks, but that it comprehends a broader field, including instruction in such other subjects as are requisite to a good general education. Its completion gives a foundation upon which future success in any line of business may be reared.

The Agricultural Course offers excellent opportunities to those who do not expect to continue their education beyond the High School, and who wish to receive some practical instruction to accompany the usual theoretical subjects of such a course. Work in agriculture, horticulture, animal industry, and manual training, has been provided to fit young men for the farm, the garden, the orchard, the shop. The course is especially arranged to meet the growing demand for practical work along industrial lines.

The Mechanic Arts Course is outlined especially for those who wish practical training in carpentry or forging, in addition to the usual high school subjects in English, mathematics, history, and civics, and the elementary sciences. Carpentry extends over four years and forging over two. In both subjects accuracy and neatness is insisted upon, the object being to teach practicable theory and to produce first class tradesmen. The shops are equipped with the necessary tools and machinery.

The Domestic Courses are offered in order that young women may have the opportunity of obtaining a good training, not only in the distinctive subjects of a domestic course but also in English, in mathematics, in history and civics, and in the natural sciences. They thus receive the culture that comes from pursuing systematic courses of instruction while preparing themselves for the highest of all duties—those of the home. It is designed that the course shall be not only theoretical but also practical, the instruction being adapted to the conditions and needs of the great majority of homes.

The Preparatory Engineering Course is offered to give the preparation that is needed for admission to civil, mechanical, mining, and electrical engineering courses. The subjects are so arranged that, while a preparation is given for entrance to the above named courses, their completion will prepare the student to enter most of the baccalaureate courses of colleges and universities.

The Short Business Course is given for the accommodation of those who are unable to take the longer course. It furnishes the necessary technical training to qualify students for positions as accountants and stenographers, and is equal to the regular business course offered by commercial schools.

The Missionary Course is especially arranged to meets the needs of those who have been called by the Presidency of the Church to prepare for immediate missionary service. The aim in this course is to do all that is possible in the time spent toward preparing students for active work in the ministry.

The Preparatory Course is outlined for young men and young women who, through force of circumstances, have been prevented from preparing themselves for entering the high school until they have arrived at such an age that it would be a serious waste of time to work in the grades of the public schools. In addition to the subjects usually required for entrance to the high school, the young men are allowed to elect work in agriculture or in carpentry, and the young women are allowed to enter one of the courses in domestic arts.

CLASSICAL COURSE.

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra I	5	5
Physiography	3	3
Latin	4	4
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Plane Geometry	3	3
History of Greece	3	History of Rome 3
Physiology	2	2
Latin	4	4
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Physics	4	4
Solid Geometry or Language	4	Algebra II 4
English History	2	2
Latin	4	4
	20	20

Fourth Year.	First Term.	Second Term.
Church History	3	3
Advanced Rhetoric	2	2
American History	5	Civil Government 5
Trigonometry or Language	3	Economics or Language 3
Chemistry	4	4
Latin	3	3
	20	20

SCIENCE COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Latin, German, or French	4		4
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Plane Geometry	3		3
Zoology or Animal Industry	5	Botany or Horticulture	5
Latin, German, or French	4		4
	20		20

Third Year.	First Term.	Second Term	
Old Testament	3		3
English Literature	3		3
Physics	4		4
Solid Geometry	4	Algebra II	4
Physiology	2		2
Latin or Elective	4		4
	20		20

Fourth Year.	First Term.	Second Term.	
Church History	3		3
Advanced Rhetoric	2		2
Chemistry	4		4
Trigonometry	3	Economics	3
American History	5	Civil Government	5
Latin or Elective	3		3
	20		20

ENGLISH COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Elective*	4		4
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Plane Geometry	3		3
Zoology or Animal Industry	5	Botany or Horticulture	5
Elective†	4		4
	20		20

Third Year.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
Physics	4		4
Physiology	2		2
English History	2		2
Language or Solid Geometry	4	Language or Algebra II	4
Shakespeare or Elective	2		2
	20		20

Fourth Year.	First Term.	Second Term.	
Church History	3		3
Advanced Rhetoric	2		2
Chemistry	4		4
American History	5	Civil Government	5
English (Literary Forms)	3		3
Elective	3	Economics	3
	20		20

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* Elocution, Vocal Music, Manual Training, Language, Drawing, Domestic Arts, or Agriculture.

† Drawing, Vocal Music, or Language.

NORMAL COURSE.

First Year.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Physiography	3		3
Algebra I	5		5
Elective*	4		4
	20		20

Second Year.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Plane Geometry	3		3
Zoology or Aniaml Industry	5	Botany or Horticulture	5
Physiology	2		2
Elective†	2		2
			20

Third Year.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
American History	5	Civil Government	5
Physics	4		4
Psychology	5	Education	5
	20		20

Fourth Year.	First Term.		Second Term.
Church History	3		3
Advanced Rhetoric	2		2
Chemistry††	4		4
European History	3		3
Pedagogy	4		4
Training	4		4
	20		20

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* Vocal Music, Elocution, Manual Training, Drawing, Agriculture, or Domestic Art.

† Drawing, Vocal Music, Elocution, or Domestic Arts. Drawing must be elected in either the first or the second year.

†† Elective with Nature Study and review.

KINDERGARTEN NORMAL COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Physiography	3		3
Drawing	2		2
Vocal Music	2		2
Elective*	5		5
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Physiology	2		2
Zoology	5	Botany	5
Elective†	5		5
	20		20

Third Year.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
Psychology	5	Pedagogy	5
Kindergarten Theory	4		4
Kindergarten Practice	5		5
	20		20

Fourth Year.	First Term.	Second Term.	
Church History	3		3
Advanced Rhetoric	2		2
Nature Study	3		3
American History	5	Civil Government	5
Kindergarten Theory & Practice	7		7
	20		20

* Elocution, Manual Training, Physical Culture, or Algebra.

† Drawing, Vocal Music, Elocution, Manual Training, Physical Culture, or Plane Geometry.

BUSINESS COURSE.

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra I	5	5
Physiography	3	3
Penmanship	2	2
Business Correspondence	2	2
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Bookkeeping	3	3
Stenography I or Elective	5	5
Language or Geometry*	4	4
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Bookkeeping & Banking	4	4
American History	5	Civil Government 5
Commercial Arithmetic†	3	3
Telegraphy or Elective	2	2
	20	20

Fourth Year.	First Term.	Second Term.
Church Hist. and Doc.	3	3
Advanced Rhetoric	2	2
Commercial Law	3	3
Political Economy	3	3
Com. and Transportat'n	3	3
European History	3	3
Elective	3	3
	20	20

* Students who take Geometry will need one hour additional before Graduation. Students who begin Stenography or a language in the second year should continue this work in the third, and substitute Commercial Arithmetic for Commerce and Transportation in the fourth.

† Will not be given in 1905-06.

COURSE IN AGRICULTURE.

First Year.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra	5		5
Physiography	3		3
Principles of Agriculture	4		4
	20		20

Second Year.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Physiology	2		2
Animal Industry	5	Horticulture	5
Carpentry	4		4
Mechanical Drawing	1		1
	20		20

Third Year.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Entomology	5	Bacteriology	5
Zoology	5	Botany	5
Physics	4		4
	20		20

Fourth Year.	First Term.		Second Term.
Church History and Doctrine	3		3
Chemistry	4		4
Field Crops	4	Plant Breeding	4
Political Economy*	3		3
Irrigation and Drainage	2	Farm Buildings	2
Forge Work	4		4
	20		20

* Or elect Plane Geometry.

MECHANIC ARTS COURSE.

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra 1	5	5
Physiography*	3	3
Carpentry, Forging, or Bricklaying	4	4
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Geometry	3	3
Physiology	2	2
Drawing	2	2
Carpentry, Forging, or Bricklaying	4	4
Mechanical Drawing	1	1
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Physics	4	4
Carpentry or Forging	5	5
American History†	5	Civil Government 5
	20	20

Fourth Year.	First Term.	Second Term.
Church History	3	3
Advanced Rhetoric	2	2
Mechanical Drawing	2	2
Chemistry	4	4
Carpentry or Forging	4	4
Elective	5	5
	20	20

* Or elect either Carpentry or Forging.

† Or elect History a and b.

DOMESTIC COURSE.

First Year.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		5
Physiography	3		3
Plain Sewing	2		2
Vocal Music or Drawing	2		2
	20		20

Second Year.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Dressmaking	5		5
Cooking I	5		5
Physiology	2		2
	20		20

Third Year.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Fruit Work, Cooking II	4	Dietetics	4
Art Needle Work	1		1
Chemistry	4		4
Bacteriology	5	Botany	5
	20		20

Fourth Year.	First Term.		Second Term.
Church History	3		3
Advanced Rhetoric	2		2
Home Nursing	4	Hygiene	4
American History	5	Civil Government	5
Physics or Elective*	4		4
Elective	2		2
	20		20

* From the following: Music II, Art II, Shakespeare.

COURSE IN MUSIC

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Freehand Drawing	2	2
German or French	4	4
Vocal Music, Piano, or Violin	2	2
Elective*	4	4
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Physiology	2	2
German or French	4	4
Vocal Music,† Piano, or Violin	2	2
Elective*	4	4
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
German or French	4	4
Voice or Elective	2	2
Piano or Violin	2	2
Elective*	6	6
	20	20

Fourth Year.	First Term.	Second Term.
Church Hist. and Doc.	3	3
Advanced Rhetoric	2	2
Voice, Piano, or Violin	3	3
Elective*	12	12
	20	20

* Before choosing electives the student must consult with the teacher in Music under whom he is doing his major work.

† Or Voice Culture.

PREPARATORY ENGINEERING COURSE.

First Year.	First Term.	Second Term.	
Book of Mormon	3		3
Grammar and Classics	5		5
Algebra I	5		-
Physiography	3		3
French, Germ., or Latin	4		4
	20		20

Second Year.	First Term.	Second Term.	
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Geometry	3		3
American History	5	Civil Government	5
French, Germ., or Latin	4		4
	20		20

Third Year.	First Term.	Second Term.	
Old Testament	3		3
English Literature	3		3
Solid Geometry	4	Algebra II	4
Drawing	2		2
Physics	4		4
French, Germ., or Latin*	4		4
	20		20

* Or elect Carpentry or Forge Work.

SHORT BUSINESS COURSE.

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra I	5	5
Physiography	3	3
Penmanship	2	2
Business Correspondence	2	2
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Stenography or Elective	5	5
Bookkeeping	3	3
Language or Geometry*	4	4
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Commercial Arithmetic†	3	3
American History	5	Civil Government 5
Bookkeeping & Banking	4	4
Typewriting, or Elective	2	2
	20	20

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* See foot-note of Business Course.

† Not to be given in 1905-06; students will take Commercial Law instead.

SHORT DOMESTIC COURSE.

First Year.	First Term.	Second Term.
Book of Mormon	3	3
Grammar and Classics	5	5
Algebra I	5	5
Physiography	3	3
Plain Sewing	2	Cutting and Fitting 2
Vocal Music or Drawing	2	2
	20	20

Second Year.	First Term.	Second Term.
Life of Christ	3	Apostolic Age 3
Rhetoric	5	5
Cooking I	5	5
Dressmaking	5	5
Physiology	2	2
	20	20

Third Year.	First Term.	Second Term.
Old Testament	3	3
English Literature	3	3
Fruit Work, Cooking II	4	Dietetics 4
Art Needle Work	1	1
Chemistry	4	4
Bacteriology	5	Botany 5
	20	

KINDERGARTEN NORMAL COURSE.
(SHORTER COURSE.)

First Year.	First Term.		Second Term.
Book of Mormon	3		3
Grammar and Classics	5		5
Physiography	3		3
Drawing	2		2
Vocal Music	2		2
Elective*	5		5
	20		20

Second Year.	First Term.		Second Term.
Life of Christ	3	Apostolic Age	3
Rhetoric	5		5
Physiology	2		2
Zoology	5	Botany	5
Elective†	5		5
	20		20

Third Year.	First Term.		Second Term.
Old Testament	3		3
English Literature	3		3
Psychology	5	Pedagogy	5
Kindergarten Theory	4		4
Kindergarten Practice	5		5
	20		20

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* Elocution, Manual Training, Physical Culture, or Algebra.

† Drawing, Vocal Music, Elocution, Manual Training, Physical Culture, or Plane Geometry.

NURSE TRAINING COURSE.

First Year.	First Term.	Second Term.
Theology a	3	3
Elementary Physiology	2	2
Hospital Practice I	15	15
	20	20

Second Year.	First Term.	Second Term.
Theology b, c	3	3
Materia Medica	1	1
Principles of Surgery and Medicine	1	1
Hospital Practice II	15	15
	20	20

PREPARATORY COURSE.*

	First Term.	Second Term.
Bible Readings	3	3
English	5	5
Arithmetic	5	5
Geography	3	3
Penmanship	2	2
Agriculture or Elective†	4	4
	22	22

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* For further information regarding this course consult Index.

† From the following: Penmanship, Cutting and Fitting, Carpentry, Household Economics.

MISSIONARY COURSE.*

First Term.		Second Term.	
Church History	5	Bk. of Mor. & Mod. Rev.	5
Principles of the Gospel	5	....	5
Scripture Readings	3	....	3
English**	5	....	5
Singing	2	....	2
	20		20

* For further information regarding this course consult Index.
** Or a foreign language.

COURSES OF INSTRUCTION.

THEOLOGY.

Professor Chamberlin.
Instructor Card.

In connection with the work outlined in the following courses, provision is made for general and special instruction on theological lines. Devotional exercises, consisting of singing, prayer, and short talks, are conducted daily.

It is the aim in this department to give the students a thorough knowledge of the subjects offered, to develop faith in the practice of Gospel principles, and to prepare for efficient work in the ministry and in the different organizations of the Church.

a. Book of Mormon I; required of all first-year students; three hours a week throughout the year. A course of lectures is given on the divine authenticity of the Book of Mormon. Based on the Book of Mormon as a text, with references to the Book of Mormon Dictionary by Reynolds, and to various works on prehistoric America. Six sections. Professors Skidmore, Merrill, Henderson, and Instructors Kemp, Peterson, and J. W. Linford.

b. Life of Christ; required of all second-year students; three hours a week during the first term. The most important events in the life of Christ are considered, and sufficient geographical and historical information is given to make the subject most interesting and profitable. Three sections. President Linford, Professors Wolfe and Jensen.

c. **Apostolic Age**; a continuation of course b; three hours a week during the second term. This course includes a study of the development of Christianity and its growth through the missionary labors of the Apostles. A study of the epistles and the apocalypse is a prominent part of the work. In courses b and c the most important principles of the Gospel are considered in connection with the teachings of Christ and the Apostles.

ENGLISH LANGUAGE AND LITERATURE.

Professor Vernon.
Assistant Professor Bowen.
Assistant Professor Henderson.
Assistant Professor Hendricks.
Instructor Kemp.
Instructor Jensen.
Instructor Hill.

a. **Grammar and Composition**; required of all first-year students in the high school courses; five hours a week during one term, four hours of which are given to a technical study of the principles of English Grammar. One hour a week is devoted to theme-writing, mostly reproductions. Three sections each term. Buehler's Modern English Grammar. Assistant Professor Hendricks.

b. **Classics**; required of all first-year students in the high school courses; five hours a week during one term. This course includes a study of several easy classics, together with some systematic training in the use of the voice, and drill in articulation and expression. Orthography forms an important part of the course. Three sections each term. Assistant Professor Henderson, Instructors Kemp and Hill.

c. **Business Correspondence**; required of students in the first year of the Business courses; two hours a week throughout the year. The work of the first term comprises a thorough study of punctuation and kindred subjects, thus preparing the way for the work of the second term, which is given up to the theory and practice of letter-writing. Two sections.

d. **Elocution I**; elective in the high school courses; two hours a week throughout the year. The course includes a drill in the essentials of good reading and expression, and also an application of the elementary principles of elocution in the analysis of selections from standard authors. Shoemaker's Advanced Elocution. Instructor Hill.

e. **Rhetoric I**; required of all students in the second year of the high school courses; five hours a week throughout the year. This course is based on Herrick and Damon's Composition and Rhetoric. Bi-weekly themes and collateral readings are required. Three sections. Professor Bowen.

f. **English Literature**; required of third-year students in the high school courses; three hours a week throughout the year. A general survey of English literature, consisting of lectures, readings, and reports. Halleck's History of English Literature. Two sections. Professor Vernon.

g. **Public Speaking**; elective to college students; two hours a week throughout the year. The principles of vocal expression and their application to public speaking are carefully studied, with much practice given to extemporaneous speaking and to the delivery of orations and debates, the main purpose being to develop direct, earnest, and dignified address. (Will not be given in 1905-1906).

ANCIENT AND MODERN LANGUAGES.

PROFESSOR CHAMBERLIN.
ASSISTANT PROFESSOR GLARDON.

For an outline of the courses in these departments see pages 43 to 46 of this Catalogue.

HISTORY AND POLITICAL SCIENCE.

PROFESSOR MILLER.

a. **The Orient and Greece**; required of students in the second year of the Classical Course; five hours a week during the first term. West's Greece and Rome.

b. **History of Rome**; required of students in the second year of the Classical Course; five hours a week during the second term. West's Greece and Rome.

c. **European History**; required of students in high school courses; two hours a week throughout the year. Adams's European History.

d. **American History**; required of students in the high school courses; three hours a week throughout the year. This course assumes a fair knowledge of the amount of history required in the eighth grade of district schools. The periods of discovery and colonization are treated briefly, and the study is devoted mainly to the political, constitutional, and industrial development of the United States during the national epoch. Larned's History of the United States.

e. **Civil Government**; required of students in high school courses; two hours a week throughout the year. This course embraces a study of township, county, city, and state governments, and of the Constitution and government of the United States. Ashley's The American Federal State.

f. **English History**; required of students in the third year of the Classical and English courses; two hours a week throughout the year.

EDUCATION.

PROFESSOR D. C. JENSEN.
INSTRUCTOR TURNER.

As a preparation for the work in education, Normal students of the second year are requested to read carefully the following books: Leonard and Gertude, the Student's Froebel, and A Pot of Green Feathers.

a. **Theory of Teaching**; required of third-year students in the Normal Course; five hours a week during the second term of the year. This course is designed as a preparation for work in the Training-School, and in cludes a careful consideration of the principles of education, the mental development of the child, the laws of mind and of teaching, and of moral training. Putnam's Pedagogics, and Parker's Pedagogics are used as texts, supplemented by readings from Spencer's Education, Herbart and the Hebartians, and other works, and by lectures and discussions. Required readings: My Pedagogic Creed, the Story of a Sand Pile, A Study in Dolls. Contents of a Child's Mind, and The Human Nature Club.

b. **Training**; required of fourth-year Normal students; four hours a week throughout the year. This course gives practice in teaching in the Normal Training School under the direction of critic teachers. Outlining lessons, planning courses, and making programs are features of this course. Required readings:Rousseau's

Emile; The Meaning of Education; Reading: How to Teach it; and Talks to Teachers on Psychology and Life's Ideals.

KINDERGARTEN TRAINING.

a. **Kindergarten Practice I**; required in the third year of the Kindergarten courses, elective to special and optional students; three hours a day throughout the year; counts ten units towards graduation. Each student is expected to practice in the Kindergarten under direct supervision of the teacher.

b. **Kindergarten II**; required in the fourth year of the Kindergarten Course, elective to special and optional students. Two hours a day throughout the year; counts three units towards graduation. A continuation of course I.

c. **Kindergarten Theory I**; required in the third year of the Kindergarten courses; elective to special and optional students; counts ten units towards graduation. This course includes theoretical work with Froebel's Gifts and Occupations, a survey of kindergarten classics, and instruction in story-telling, program and plan-making; kindergarten games.

d. **Kindergarten Theory II**; required in the fourth year of the Kindergarten Bourse, elective to special and optional students; counts ten units towards graduation; continuation of course I with the history and philosophy of kindergarten work.

A limited number of children will be received for instruction at forty cents a week, or $10 a year, in advance.

MATHEMATICS.

PROFESSOR SKIDMORE.
INSTRUCTOR PETERSON.
INSTRUCTOR KEMP.

a. **Algebra I**; required of students in the first year of the high school courses; five hours a week throughout the year. An elementary course including a study of quadratic equations. Taylor's Elements of Algebra. Six sections.

b. **Plane Geometry**; required of second-year students in high school courses; three hours a week throughout the year. The work of the regular course in Plane Geometry is supplemented by numerous problems. Phillips and Fisher's Plane Geometry. Three sections.

c. **Solid Geometry, Algebra II**; required of third-year students in high school courses and in the Preparatory Course in Engineering; four hours a week throughout the year.

(a). Geometry; Phillips and Fisher's Geometry of Space. First term.

(b). Algebra; advanced work in the fundamental operations, fractions, and simple equations. A study of some of the higher series and their applications. Wells's Advanced Course in Algebra to page 391. Second term.

PHYSICS.

INSTRUCTOR PETERSON.

a. **Elementary Physics**; required in the third year of high school courses; four hours a week throughout the year. This course comprises a study of elementary mechanics, sound, heat, light, electricity, and magnetism. Recitations and laboratory work. Carhart and Chute's Elements of Physics, Chute's Laboratory Manual. Laboratory fee, 75 cents.

ZOOLOGY AND BOTANY.

PRESIDENT LINFORD.
ASSISTANT PROFESSOR HENDERSON.

a. **Elementary Zoology**; five hours a week during first term; three hours recitation, four hours laboratory practice. This course gives a general view of the animal kingdom. Living animals are examined and dissections made as a basis for understanding animal structure. Colton's Descriptive and Practical Zoology. Laboratory fee, $1.00. Assistant Professor Henderson.

b. **Elementary Botany**; five hours a week during second term; three hours recitation, four hours laboratory practice. In this course it is intended to give the student a thorough understanding of the more obvious phenomena of plant structure and some of the simpler physiological processes of plant organisms, in order that a basis may be formed for all future intelligent study of the same. Enough classification is given to make clear the relationship of the different groups, and also to enable the student to recognize the commoner types. Bergen's Revised Elements of Botany. Laboratory fee, 50 cents. Assistant Professor Henderson.

c. **Elementary Bacteriology**; elective to those who have completed courses a and b; five hours a week during the first term; one hour lecture and recitation, and eight hours in the laboratory. This is a course in methods of staining and cultivating the more common forms of bacteria, the preparation of culture media, and a study of methods of bacteriological analysis of water, milk, etc. Laboratory fee, $2.00.

d. **Nature Study**; required in the fourth year of the Kindergarten Course and elective to Normal students; three hours a week throughout the year. This course is primarily designed for the benefit of Normal and Kindergarten students. It presents the natural sciences to the prospective teacher from their pedagogical side, and adapts them to the requirements of the primary and grammar grades. Special attention is given to local meterological conditions, to the geology, flora and fauna of this section, and to the correlation of nature work. Professor Wolfe.

GEOLOGY AND MINERALOGY.

Professor Wolfe.
Professor D. C. Jensen.
Instructor Peterson.

a. **Physiography**; required of students in the first year of high school courses; three hours a week throughout the year. This course includes the study of elementary meteorology, of the physical features of the ocean and the development of land bodies, together with a brief survey of life forms and their relationships. Its aim is to give the student a knowledge of the fundamental principles of both the natural and physical sciences and to lay the foundation for systematic, intelligent work along these lines. Lectures and laboratory practice. Davis' Physical Geography, (latest edition), Chamberlain's Field and Laboratory Exercises in Physical Geography.

ANATOMY, PHYSIOLOGY AND HYGIENE.

Professor Wolfe.

a. **Physiology I**; required in the second year of high school courses; two hours a week throughout the year. The aim of this course is to make the student familiar with the more important principles of physiology and the laws of health. Colton's Physiology, Experimental and Descriptive. Laboratory fee, 50 cents a term.

NURSE TRAINING.

Doctor D. C. Budge.
Doctor T. B. Budge.
Instructor Christenson.

a. **Materia Medica**; required of students in the second year of the Nurse Training Course; one hour a week throughout the year. A series of lectures on the uses of medicines and their antidotes.

b. **Principles of Surgery and Medicine**; required of students in the second year of the Nurse Training Course; one hour a week throughout the year; a series of lectures on medicine and surgery.

c. **Hospital Practice I**; required of students in the first year of the Nurse Training Course, fifteen hours a week throughout the year. The student's whole time is spent in the hospital, with the exception of the time spent in attending lectures. The course comprises a study of the following: a hospital ward; beds; hygiene of sick room and ward; care of new patients; baths; baths as therapeutic agents; typical fever baths; disinfectant solutions.

d. **Hospital Practice II**; required of students in the second year of the Nurse Training Course; fifteen hours a week throughout the year; requiring the full time of the student, except the time spent in attending lectures. The course comprises a study of the following topics: disinfectants; temperature; pulse; respiration; external applications; counter-irritants; medicines; surgical nursing; enemata; preparation for surgical operations.

BUSINESS.

Professor Bullen.
Instructor Nelson.
Assistant ———.

a. **Bookkeeping**; required of second-year students in the Business courses; three hours a week throughout the year. Students are thoroughly drilled in the principles which underlie and form the foundation of bookkeeping, special attention being given to ruling, spacing, order and general arrangement of work, notes, drafts, receipts, checks, statements, invoices, trial balances, settlements incidental to the close of a year or winding up of a business, the adjustment of partnership profits, methods of closing books, and other details connected with bookkeeping. The work is practical from the beginning, and largely individual. Students buy and sell as in actual business, dealing with commission, merchandising, manufacturing, jobbing, insurance, etc. Business is done directly with the College Bank, students making regular deposits, and paying bills by check. The Sadler-Rowe Budget system. Assistant ————.

b. **Bookkeeping and Banking**; required of third-year students in the Business courses; four hours a week throughout the year. This course is a continuation of course a, and deals with banking and auditing, giving actual practice in expert accounting. Thorough instruction is given in opening books under more than ordinary circumstances, from a single proprietorship to a corporation; in outlining systems of bookkeeping especially adapted to certain lines of business; adjusting deranged books, admission of partners; dissolution of partnerships and settling of complicated partnership affairs. College currency, deeds, leases, mortgages, bills of exchange, insurance policies, and other forms of commercial paper found in the general routine of business are used. Special attention is given to corporation work. The bank is organized after the plan provided in the National Bank Act and is conducted along the lines of the modern system of banking; the students are the stockholders; regular meetings are held where officers are elected; dividends declared, and other business attended to. Each student serves his turn, as Discount and Collection Clerk, Bookkeeper, Teller, and Cashier. Business is carried on with corresponding banks in other colleges in Utah and Idaho. Order, neatness, proficiency, and accuracy characterize the work. Professor Bullen.

c. **Commerce and Transportation**; required of fourth-year students in the Business Course; three hours a week throughout the year. This course embraces a study of the commerce and transportation of the state, the country, and all countries of the world with which we have any considerable trade; the origin and early development of commerce, and its influence on the world's civilization; discoveries, public works, inventions, legislative enactments, and other important influences by which the progress of the world has been affected; the more important commodities of commerce, the climate and conditions suited to their production, where they are found and the preparation necessary to fit them for the purposes of trade; the use of wind, steam, animals, conduits, and electricity in carrying commodities; water and land transportation. Professor Bullen.

d. **Commercial Law**; required of third-year students in the Short Business Course, and of fourth-year students in the Business Course; three hours a week throughout the year. This course embraces a study of the laws governing the transactions of business in the world of commerce, including a knowledge of contracts, agency, partnership, corporations, business paper, liens, guaranty and suretyship, insurance, real estate, conveyances, stoppage, etc. Professor Bullen.

e. **Penmanship**; required of first-year students in the Business courses; two hours a week throughout the year. The course in writing is systematic from beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student, an easy, rapid business handwriting is acquired. Instructor Nelson.

f. **Stenography I**; elective in the Business courses; five hours a week throughout the year. The Benn Pitman system is used. Individual and class instruction. After the principles are mastered, the students are thoroughly drilled in reading shorthand from the text. All exercises are carefully inspected. In the class drill, the students get the benefit of the stimulus given by competition. The second part of the year is given entirely to dictation of practiced matter, slow dictation of new matter, and a thorough review of the principles. Instructor Nelson.

g. **Typewriting**; elective in the Business courses; two hours a week throughout the year. A systematic course of instruction in "touch" typewriting is pursued. Students are taught proper fingering of the keys and handling, cleaning, oiling, and adjusting the machine. No erasing is permitted. Accuracy is the watchword. All work is corrected and no work that is not strictly first-class is accepted. The following are features of importance: writing words, sentences, letters, all kinds of legal papers, testimony, billing; manifolding; making letter-press copies; use of mimeograph; dictation; tabulating. Instructor Nelson.

h. **Telegraphy**; elective in the Business Course; two hours a week throughout the year. This course embraces the following: adjustment of instruments, the care of batteries, the use of signals, abbreviation, block system, train telegraphy, etc. Students are required to learn the alphabet at the key, commencing with the most simple forms so as to enable them to commit these to memory; then they are taught the more advanced combinations, learning to read by sound and at the same time making the different letters correctly with the key. In this way they advance progressively, reading and sending messages, until they have attained a speed of ten or twelve words a minute, after which they are drilled for speed. The Twentieth Century Manual of Telegraphy is used. Instructor Nelson.

i. **Commercial Arithmetic**; required of all third-year students in the Business courses; three hours a week throughout the year. This course includes a treatment of ratio and proportion, percentage, interest and discount, exchange, equation of payments, settlement of accounts, stocks and bonds, and partnership. Contracted methods are given special attention.

j. **Stenography II**; elective to those who have completed course I; five hours a week throughout the year. The following are important features: review of principles; phrasing; reading in class from shorthand notes; speed increased gradually; faulty outlines corrected; writing and reading articles from Parkers's manual, magazines, etc; dictation from transcripts; rapid letter writing and reporting; private dictation. Instructor Nelson.

k. **Typewriting II**; elective to those who have completed course I; and who receive special permission from the instructor in charge, and the head of the Business Department. One hour a week throughout the year. This course includes the following; rapid dictation; copying rough drafts; cutting stencils; use of letter-press and mimeograph. Instructor Nelson.

DOMESTIC ARTS.

ASSISTANT PROFESSOR HOMER.
INSTRUCTOR MOEN.
INSTRUCTOR NIBLEY.
INSTRUCTOR HENDRICKS.
INSTRUCTOR MORRELL.

a. **Plain Sewing**; required of all first-year students in the Domestic Arts Course; two hours a week during the first term, the class meeting three times. This is a laboratory course, the aim being to give each student a thorough knowledge of the stitches in plain sewing. Instruction is given in patching, cloth and stockinet darning, etc. Instructor Moen and Instructor Hendricks.

b. **Drafting, cutting and Fitting**; required of all first-year students in the Domestic Arts Course; three hours a week during the second term. The object of this course is to enable each member of the class to draft, cut, fit, and make garments correctly. Before the course is completed each student is made familiar with the management of a sewing machine in running seams, hemming, puffing, binding, etc. Instructor Moen, Instructor Hendricks.

c. **Dressmaking**; required of all second-year students in the Domestic Arts Course; five hours a week throughout the year. An advanced course in drafting, cutting and fitting, and general dressmaking; also a study of fabrics, their manufacture and development and their effect on social conditions. Drawing I a prerequisite. Instructor Moen.

d. **Art Needle-work**; required of all third-year students in the Domestic Arts Course; one hour a week throughtout the year. Instruction is given in making lace, the various kinds of embroidery, hemstitching, etc. Drawing I and Domestic Arts c prerequisite. Instructor Moen.

g. **Cooking I**; required of second-year students in the Domestic Science Course; five hours a week throughout the year. Foods will be studied as to their sources, composition, process of manufacture, adulteration, nutritive value, and digestibility. The best methods of cooking and serving each of the staple food substances are treated in the class and demonstrated by each student in the kitchen. Laboratory fee, $1.50 a term. Assistant Professor Homer and Instructors Nibley and Morrell.

h. **Fruit Work**; required of third-year students in the Domestic Science Course; four hours a week during the first third of year. A study of the canning and the bottling of fruits; making of all kinds of preserves, jams, jellies, marmalades.

Cooking II; required of third-year students in the Domestic Science Course; four hours a week during the second third of the year. This course includes practical work in plain and fancy cooking; pastry, puff paste, patties, ices, and salads. A four-course luncheon is served during the winter months, when members of the class prepare the menus, do the marketing and prepare and serve the meal, taking turns in acting as hostess and in waiting upon the table. Laboratory fee, $1.50 a term. Assistant Professor Homer, Instructor Nibley.

j. **Dietetics**; required of third-year students in the Domestic Science Course; four hours a week during the last third of year This course treats of the best foods to be given in different diseases, with practice in the preparation and serving of foods. Laboratory fee, $1.50 a term. Assistant Professor Homer.

AGRICULTURAL SCIENCE.

ASSISTANT PROFESSOR MERRILL.

The courses outlined below aim to meet the growing demand for instruction in subjects that have in view the preparation of young people for industrial pursuits at the same time that they are receiving the usual intellectual development of the high school and the college. The work is thorough, and equal to similar courses in the various institutions in the West. The proprietors of the Logan Nurseries have kindly placed at the disposal of the College their extensive greenhouses, orchards, and propagating grounds for practice in horticulture and floriculture. The excellent farms and breed of cattle, horses, sheep, and swine, owned by citizens in and near Logan furnish opportunity for practical study. In all their work, the students will be kept in close touch with the work of the Department of Agriculture at Washington, D. C. The instruction being given by persons who have had considerable experience on the farm, is of such a character that it can be put into practice.

a. **Principles of Agriculture**; required of students in the Agricultural Course; elective to others; four hours a week throughout the year. Instruction in this course includes a general view of soils and their preparation for crops; relation of soil and air to the plants; tillage, implements and operations of tillage; soil moisture, manures. Farm crops are considered with special reference to their economic agricultural value and to the best methods of management; farm accounts. The aim of the course is to fit young men for more successful farming, and to correlate the usual college and high school subjects with practical affairs in such a way that the education received will be of the greatest use in life. Bailey's Principles of Agriculture and Goff's Principles of Plant Culture are used as texts, supplemented by lectures.

b. **Animal Industry**; required of students in the Agricultural Course, elective to students in the Normal; five hours a week during the first term. This course gives instruction in the breeding, care, and management of horses, dairy and beef cattle, poultry, sheep, and swine; the improvement of native cattle and the formation of new breeds, dairying and the care of milk; Principles of stock-breeding, stock-raising, and stock-judging are considered. Shaw's The Study of Breeds, Craig's Judging Live Stock, supplemented by lectures.

c. **Horticulture**; required of students in the Agricultural Course, elective to students in the Normal; five hours a week during the second term. A study of the structure, habits, and growth of plants; their modification by climate, soil, and other relations; the development of cultivated plants; propagation of plants by seeds, cuttings, grafting, and budding; gardening and trucking; orchards and small fruits; planting, pruning, spraying, marketing, floriculture, and ornamental gardening. American Horticultural Manual, by Budd and Hansen.

d. **Practical Entomology**; required of students in the third year of the Agricultural Course, elective to others; three hours a week during the second term. A study of the anatomy and development of insects; those forms injurious to vegetation, especially farm, orchard, and garden pests receive special attention. Enough of the principles of classification is given to enable the students to identify the most common species. Special methods for the extermination of the most common pests are considered.

e. **Farm Buildings**; required of students in the second year of the Agricultural Course; two hours a week during the second term. The designing and construction of farm buildings and implements; ventilation, and the regulation of temperature in farm buildings; care of machinery, its construction and use; the building of fences and the construction of roads.

f. **Irrigation and Drainage**; required of students in the Agricultural Course, and elective to others; two hours a week during the first term. This course deals with irrigation and drainage in their relation to soil texture; the various methods of performing these operations; the amount of water required by different soils and plants; the laying out and placing of a system of drains; tile drainage. Text, Irrigation and Drainage, by F. H. King.

g. **Field Crops**; required of students in the fourth year of the Agricultural Course; four hours a week during the first term. In this course plants are studied in their relation to their environments; chemical composition; effect of various fertilizers; history and composition of our common agricultural crops, the grasses receiving special attention.

h. **Plant Breeding**; required of students in the fourth year of the Agricultural Course; four hours a week during the second term. In this course plants are studied in their relation to each other; variation; crossing; origin of domestic varieties; pollination. The various methods of propagation are considered.

MECHANIC ARTS.*

INSTRUCTOR LINFORD.
INSTRUCTOR JOHANSEN.
INSTRUCTOR PORTER.
INSTRUCTOR NELSON.

a. **Carpentry I**; required of students in the Mechanic Arts course, elective to others; ten hours a week throughout the year, with five hours' credit. Instruction is given in measuring, marketing, sawing, planing, splicing, joint-making, mortising, and dovetailing, with their practical use illustrated in the construction of simple articles of furniture; emphasis is placed upon the caring for and the sharpening of tools. Practice is given in panel work and door making. This is followed by elementary wood-turning. Laboratory fee, $1.75 a term.

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* Articles made by the students in any of the courses of this department become the property of the College.

b. **Carpentry II**; required of students in the second year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. A course in cabinet-making, advanced wood-turning, and bench building, concluding with a standard carpenter's tool chest. Laboratory fee, $2.00 a term.

c. **Carpentry III**; required of students in the third year of the Mechanic Arts Course, elective to others, five hours a week throughout the year. This is essentially a course in advanced cabinet-making. Those who wish, however, to specialize in pattern-making, or in house-building are allowed to work in these departments. Laboratory fee, $2.00 a term.

d. **Carpentry IV**; required of students in the fourth year of the Mechanic Arts Course, elective to others; five hours a week throughout the year. During this year the students are allowed to work along the special lines of carpentry for which they are best adapted. Special instruction is given in wood-carving and advanced cabinet-making. Laboratory fee, $2.00 a term.

e. **Bricklaying I**; elective in the Mechanic Arts Course and to special and optional students; two hours a day from November 27 to March 30, counting four units of credit. Slacking of lime, mixing of mortar, brick bond, laying brick to line. Laboratory fee, $1.00.

f. **Bricklaying II**; elective in the Mechanic Arts

Course and to special and optional students; two hours a day from November 27 to March 30, counting four units of credit. Brick laying on straight wall to gain speed; building of corners and angles.

g. **Bricklaying III**; elective in the Mechanic Arts Course and to special and optional students; two hours a day from November 27 to March 30, counting four units of credit. Laying brick on chimneys, arches, and corners.

e. **Forging I**; required of students in the Mechanic Arts Course, elective in the Agricultural Course, ten hours a week in the shops, counting eight units towards graduation. This course teaches the use of the forge and the more common forging tools. The students receive thorough drill in shaping, welding, and tempering; they also get a practical application of the principles learned in making the following articles: chains, rings, pinchers, chisels, wrenches, hammers, blacksmith's tongs, and in shaping and corking horse shoes, together with such general repair work as they are prepared to do.

f **Forging II**; elective in the Mechanic Arts and Agricultural courses, ten hours a week in the shops, counting eight units towards graduation. A continuation of Forging I, the aim being to emphasize the practical side of forging. The following are some of the more important exercises; making pinchers, claw-hammers, plow-cutters, clevises; pointing and sharpening plows; the making of miners' and masons' tools; welding in mild and hard steel; also the making of steel branding-irons. The student is given thorough drill in horse shoeing.

g. **Forging III**; elective in the Mechanic Arts Course, ten hours a week in the shops, counting eight units towards graduation. A continuation of Forging II. The following are some of the exercises of this course; welding, setting and tempering steel axles, setting wheel boxings, tire setting, general repair work on buggies and wagons, and other exercises graduated to the skill and taste of the individual student.

h. **Forging IV**; elective in the Mechanic Arts Course, ten hours a week in the shops, counting eight units towards graduation. A continuation of Forging III; making and repairing springs of all kinds and general machine repairing. The aim in this course is to give the student exercises that will fit him for the special work he may desire to follow on leaving school.

ART.

ASSISTANT PROFESSOR WRIGHT.

The educational value of art as an aid in acquiring accurate observation, in training the judgment, as well as in developing an appreciation of the beautiful and artistic, is generally recognized. In connection with other branches of education, it gives expression to thought where ordinary language would fail; particularly is this the case in the study of the natural sciences.

Representation, perspective, designing, decorating, illustration, and composition are the main divisions of the courses outlined.

a. **Free Hand Drawing**; required of all second-year students in the Normal, Domestic and Mechanic Arts courses, of first and second-year students of the Kindergarten Course, of all third year students of the Preparatory Engineering Course, and of all first year students of the Music Course; two hours a week throughout the year. This course consists of pencil and charcoal drawing, and of painting in water-colors, together with modeling in clay, from the human figure, still-life objects, and out-door subjects. Some work is done in composition, decoration, and illustration. Some attention is given to the study of harmony of tones and color especially in the treatment of decoration and representation. Some of the simpler problems of perspective are introduced according to their practical value.

b. **Drawing**; open to any one. Drawing from plaster casts, still-life, and landscapes, with charcoal, pencil, crayon, or black water-color.

c. **Modeling**; open to anyone. Modeling from still-life, plaster casts, and life, with clay.

d. **Painting**; open to any one. Painting from still-life, landscape, and the human head with oil or water colors.

VOCAL MUSIC.*

ASSISTANT PROFESSOR ROBINSON.
INSTRUCTOR MANN.

The work in Music is arranged to meet the growing demand for musical culture, both vocal and instrumental. The work is systematic and aims to develop in the student a love of music in its fullest sense. At frequent intervals, the whole school is led in singing hymns, college and class songs. By this and other appropriate means all students are encouraged to give some thought to musical culture, as it is so necessary among the Latter-day Saints.

a **Vocal Music I**; two hours a week throughout the year. In this course a thorough drill is given in sight reading, the training of the ear, rhythm, notation, key, relation of keys, modulation, part singing, and elementary voice culture. Instruction is given in the theory of teaching vocal music, thus making the course of special value to Normal students.

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* An additional charge is made for all courses in music except Vocal Music a and b and Missionary Singing.

b. **Vocal Music II**; two hours a week throughout the year. This course is a continuation of Course I, together with additional work such as melody writing, music forms, intervals, etc., leading to more advanced work in theory.

c. **Choir**; at least two practices a week, the work counting one hour towards graduation.· The choir is organized to furnish music for devotional exercises and College entertainments. Thorough and efficient training is given on hymns, choruses, anthems, etc., preparing students for valuable service in their home choirs and musical circles. In addition to the usual choir work, an oratorio, operetta, or light opera is studied and presented.

d. **Vcice Culture and Singing**; this is a private course and is intended to give thorough training in the art of singing. Owing to the great difference in the natural ability of students, no definite course can be outlined for completion. The work will cover three years. Special attention being paid to the needs of each individual, with exercises and studies carefully selected according to the requirements of each voice. The course of instruction is based on the Italian school of training and placing the voice. Explanations will be given of the mechanism of the voice; tone production; breathing; stage presence, etc. Songs, ballads, and selections from the standard operas and oratorios are studied for interpretation, phrasing, enunciation, rhythm, etc.

VIOLIN.

Professor Harris.
Instructor Smith.

a. **Violin I**; first year. Violin school by David; studies by Schradieck and Kreutzer; easy solo pieces.

b. **Violin II**; second year. David's school, studies by Fiorilli; pieces of like grade; ensemble playing.

c. **Violin III**; third year. Studies by David and Rhode; easy concertos by Rhode, Kreutzer, and others; ensemble playing.

d. **Violin IV**; fourth year. Studies by David, concertos by Bruch, Mendelssohn, Sophr, Wieniawski; ensemble playing.

PIANOFORTE.

PROFESSOR OLIVER.

INSTRUCTOR HAMMER.

a. **Piano I**; first year. Rhythm, keyboard; scales intervals; studies; easy pieces by Streabbog, Lichner, and others.

b. **Piano II**; second year. Studies by Czerney, Clementi, and Kohler; pieces by Spindler, Leybach, and Moszkowski.

c. **Piano III**; third year. Ensemble playing; sonatas by Mozart and Beethoven; pieces by classical and modern composers, with short biographies.

d. **Piano IV**; fourth year. Difficult compositions by Chopin, Bach, Liszt, Mendelssohn; concertos by Hummel and Weber.

BANJO, MANDOLIN, AND GUITAR.

Banjo.[*]

INSTRUCTOR PLOWMAN.

Banjo I; twenty weeks. Rudiments of music; scales, chords, bars and positions; simple etudes and recreations.

Banjo II; ten weeks. Advanced positions; tremolo and solo work.

Mandolin.[†]

Mandolin I; twenty weeks. Rudiments of music; 1st and 2nd positions; simple etudes and recreations.

Mandolin II; ten weeks. Remaining positions; popular and classical airs.

Guitar.[‡]

Guitar I; twenty weeks. Rudiments of music; scales, chords, bars; simple style of accompaniments and etudes.

Guitar II; ten weeks. Advanced course in accompaniment playing; tremolo and solo work.

Individual instruction throughout. Two lessons a week. Tuition payable in advance, $10.00 for a term of ten weeks. Studio on the third floor of the West Building, south room. Hours 10 to 12 a. m. and 1 to 5 p. m.

[*] Farland Method.
[†] Arling Shaefer Method.
[‡] Elite Method.

BAND AND ORCHESTRA.

ASSISTANT PROFESSOR ROBINSON.
INSTRUCTOR MANN.
INSTRUCTOR SMITH.

a. **Brass Band**; two practices a week, the work counting one hour towards graduation. The band is organized to furnish music for the various school entertainments, contests, games, etc. Such instruction is given as will fit young men for more efficient work in home bands at the same time assisting in a general musical education.

Students owning instruments should bring them when entering the College. Instructor Mann.

b **Orchestra**; two practices a week, the work counting one hour towards graduation. The orchestra is organized to furnish music for college entertainments and matinees, from which a sufficient amount is obtained to assist the student very materially in paying his school expenses. From among the applicants for a place, those best prepared will be selected. Instructor Smith.

PHYSICAL EDUCATION.

INSTRUCTOR HILL.

The work in the department of physical education is given with a view of properly caring for the physical and hygienic interests of the students, along with their spiritual, moral, and intellectual training. In the new gymnasium ample facilities are afforded for thorough and efficient work.

All preparatory, and first-year students in the high school courses are encouraged to devote at least two hours a week to regular work in physical culture. In addition to this, two courses are offered as optional to students beyond the first year.

Various athletic teams are organized under the supervision of the Director of the Gymnasium, and every encouragement is given to students who desire to do profitable and systematic work on the field.

Field athletics are controlled by an advisory board consisting of the Faculty Committee on Athletics and Amusements, and one representative of the alumni, elected annually by the Alumni Association. This board advises the students in all of their sports and has charge of indoor and outdoor meets.

FOR WOMEN.

a. **Physical Culture I**; required in the Preparatory Course and in the first year of high school courses; twice a week from October to May. The work consists of tactics, gymnastic exercises, based on both the Swedish and German systems, and drill with light and heavy apparatus.

b. **Physical Culture II**; open to those who have completed Course a, or an equivalent; two hours a week from October to May. This work consists mainly of exercises with heavy apparatus; fancy steps, marches, etc.

FOR MEN.

c. **Physical Culture III**; elective in the Preparatory Course and in the first year of high school courses; two hours a week of gymnasium practice from November to April. This course consists of vigorous, systematic work with light and heavy apparatus in connection with games suitable for winter months.

d. **Physical Culture IV**; open to those who have completed course c; two hours a week from November to April. This is an advanced course in light and heavy gymnastics. Special attention is given to measurements by the Sargent system.

MISSIONARY COURSE.*

ASSISTANT PROFESSOR MERRILL.
INSTRUCTOR MANN.

a **Church History**; five hours a week during the first term. In this course a rapid survey is taken of the apostasy from the early Christian Church, its causes and extent, the religion of the Middle Ages, the reformers and their work, the ushering in of this dispensation, the coming forth of the Book of Mormon, the persecutions of the Latter-day Saints and their exodus to the Rocky Mountains.

b. **Modern Revelation and the Book of Mormon**; five hours a week during the second term. A study of the principal revelations given in this dispensation in the order of reception; also a brief account of the Book of Mormon history and teachings.

c. **Principles of the Gospel**; five hours a week throughout the year. A course in the principles of the gospel, with special attention to the manner of presenting them in the missionary field. Talmage's Articles of Faith and Roberts' Gospel are used as texts, supplemented by the Compendium, and other reference works. Some practice in the conducting of missionary meetings and in public speaking is required in this course. Gospel ordinances are discussed and instruction is given in the manner of performing them. Systematic reading of gospel tracts used in the largest missions is required. Auxiliary organizations of the church and the manner of conducting them are considered, the aim being to prepare the student for actual missionary work.

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* Beginning November 1, and closing April 1.

d. **Scripture Reading**; three hours a week throughout the year. Passages for reading and study are selected from the Old Testament and New Testament, sufficient consecutive reading being required to give some knowledge of scripture history. The aim of this course is to familiarize the student with the Bible and Bible history, to train him to read and explain in an intelligent manner the passages used by him in his missionary experience.

e. **Singing**; two hours a week throughout the year. This course is intended for Missionary students; and it aims to give a good idea of time, rhythm, tune, tone production, part singing. Special attention is given to hymn, chorus, and part work.

PREPARATORY COURSE.*

a. **Bible Reading**; three hours a week throughout the year. In this course, the teacher selects choice passages from the Bible, and the students, after studying these, read and discuss them in the class. The aim is to cultivate in students an appreciative reading of Biblical literature.

b. **English**; five hours a week throughout the year. This course comprises a study of English Grammar and Composition, together with such related subjects as orthography and punctuation. One written exercise is required each week.

c. **Arithmetic**; five hours a week throughout the year. This course consists of a study of the fundamental

* Students who complete this course will be admitted to any of the high school courses.

principles of Arithmetic; decimal and common fractions; denominate numbers, including linear measure, square measure, cubic measure, liquid measure, dry measure, avoirdupois weight, United States money, measurements, and the simpler cases of percentage.

d. **Geography**; three hours a week throughout the year. The subject is treated by the topical method, lectures, and text-book lessons. Numerous works of reference are placed in the library to assist the students in the preparation of their work.

e. **Penmanship**; required of all Preparatroy students; two hours a week throughout the year. The course in writing is systematic from beginning to end. Instruction in position, penholding, etc., is the first step, after which class drill and exercises in movement are given. The small and capital letters, figures, and sentence writing are taken up in proper order. By persistent effort on the part of the student, an easy, rapid business handwriting is acquired.

LIBRARY AND MUSEUM ACCESSIONS.

LIBRARY ADDITIONS.

Among those to whom the Library is indebted for books and other favors received during the year 1904-05 are Hon. Reed Smoot, Hon. Joseph Howell, Messrs. H. A. James, G. E. Anderson, and the several National Departments and Bureaus at Washington, state superintendents of public instruction, and various normal schools, colleges, and universities of the United States.

PERIODICALS CONTRIBUTED.

Title.	Where Published.	Donors.
Box Elder Report, weekly	Brigham City.	Publishers
Box Elder News, weekly	Brigham City.	“
Deseret Evening News, daily	Salt Lake City.	“
Current Journal, weekly	Rexburg, Idaho.	“
Improvement Era, monthly	Salt Lake City.	“
Juvenile Instructor	Salt Lake City.	“
Journal, tri-weekly	Logan.	“
Korrespondenten	Salt Lake City.	“
Paris Post, weekly	Paris, Idaho.	“
Republican, weekly	Nephi.	“
Rich County News	Randolph.	“
Standard, daily	Ogden.	“
Character Builder	Salt Lake City.	“
Malad Enterprise	Malad, Idaho.	“

Logan Post, weekly	Logan.	Publishers
The Elders' Journal	Chattanooga, Tenn.	
The Sugar City Times, weekly	Sugar City, Ida.	"
The Pocatello Tribune, daily	Pocatello, Ida.	"
Osteopathic Health, monthly	Chicago, Ill.	"
Young Woman's Journal, mo.	Salt Lake City.	"
Enquirer, daily	Provo.	"
Idaho Enterprise, weekly	Malad.	"
The Republican, semi-weekly	Montpelier.	"
The Utah-Posten, weekly	Salt Lake City.	"
The Phonographic Magazine	Cincinnati, Ohio.	"
The Free Lance, weekly	Marysville.	"
Republican, semi-weekly	Logan.	"
Beobachter, weekly	Salt Lake City.	"
The Vernal Express, weekly	Vernal.	"
Der Stern, monthly	Berlin, Germany.	"
The National Homemaker	Washington, D. C.	"
Our Dumb Animals, monthly	Boston, Mass.	"
Advocate of Peace, monthly	Boston, Mass.	"
The Wasatch Wave, weekly	Heber City.	"
Tooele Transcript, weekly	Tooele.	"
Weber County Times, weekly	Ogden.	"
The New Voice, weekly	Boston, Mass.	"
The Advocate, weekly	Thatcher, Ariz.	"
American Economist, monthly	New York.	"

PERIODICALS FURNISHED.

Atlantic Monthly	Boston.
Century Magazine, monthly	New York.
Education, monthly	Boston.
American Kitchen Magazine	Boston.
Etude	Philadelphia.
Home Needle Work Magazine	Florence, Mass.
The Modern Priscilla	Boston.
Forum, monthly	New York.
Harper's Monthly	New York.

Literary Digest, weekly	New York.
North American Review monthly	New York.
Popular Science Monthly	New York.
School Journal, weekly	New York.
Scribner's Magazine, monthly	New York.

DONATIONS TO THE MUSEUM.

During the past year the College Museum received the following contributions:

A cannon ball brought across the plains in 1847	John Thompson, Clarkston
Material illustrating silk culture	Phoebe Harding, Willard
A fossil tooth	G. N. Curtis, Logan
A Filipino rain-coat	Francis Wood, Logan
Wild cotton from U. S. of Columbia	Joel Ricks, Logan
Iron concretions in limestone	W. D. Cranney, Logan
Taro Root from Hawaiian Islands	M. O. Bell, Logan
Spinning Wheel	Mrs. Susan Goaslind, Logan
Salamander	Fred F. Bennett, Kaysville
Fossil Sagillarids from South Wales	W. N. Thomas, Logan
Native Sulphur, Soda Springs	Thomas Stephenson, Preston, Ida.
A large Spider	Alonzo Cook, Paris, Ida.
An Old Family Bible.	Mrs. Chas. H. Baker, Logan

ALUMNI ASSOCIATION.

The Alumni Association was organized in May, 1893. All those who hold diplomas or certificates of graduation from any of the courses of the College, and those holding special certificates for work completed in the College prior to 1890, are eligible to membership.

The object of the association is to promote in every proper way the interests of the College, and to perpetuate among the graduates a feeling of regard for one another and of attachment to their Alma Mater. The association meets annually on the day of Commencement.

OFFICERS FOR 1904 1905.

President	Geo. F. Thatcher, '91
Vice-President	Sarah G. Redford, '97
Secretary	Rosabel Hall, '04
Treasurer	J. H. Kemp, '00
Member of Athletic Board	Hon. F. K. Nebeker, '89

TWENTY EIGHTH ANNUAL COMMENCEMENT.

LIST OF GRADUATES, 1905.

ARTS COURSE.

(Degree of Bachelor of Arts.)

Ernest Mosiah Hall.
Charles Bitter.

NORMAL COURSE.

Margaret May Baer.
Ada Eliza England.
Alma D. Erickson.
Ephraim E. Erickson.
Isaac Grow.
Edith Maud Hendricks.
Joseph Jenson.
Mabel Rachel Kewley.
Louis William Larsen.
David Chauncey Loveland.
Hannah Pearl Neddo.
Ethel May Rich.
David Orson Wangsgard.
Effie Adelia Williamson.
Daniel Peters Woodland.
Jeanette Ostlund.

SCIENCE COURSE.

Charles Elmer Barrett.
Lyman Daines.
Carl Wilhelm Jonsson.
John Alma Nielson.

Hyrum Schneider.
Leo Delbert Rouche.

BUSINESS COURSE.

Charles Welch Dunn.
William Clayton Jenkins.
Jedediah Grant Merrill.
Edwin Ruthven Miles.

ACADEMIC COURSE.

Ralph Ernest Jensen.
Abel Sargent Rich.
Jesse Pomeroy Rich.
Ida Susie Stock.

LIST OF STUDENTS.

In the following list an abbreviation is used with the name of each student to indicate the course in which he is doing work. The accompanying figure indicates the particular year for which he is registered. These abbreviations, with their meanings, are as follows: sr, Senior; jr, Junior; so, Sophomore; fr, Freshman; c, Classical; sc, Science; n, Normal; b, Business; a, Agricultural; m a, Mechanic Arts; d, Domestic; s b, Short Business; s d, Short Domestic; sp, Special; o, Optional; m, Missionary; p, Preparatory; a, Academic; e, Engineering; p e, Preparatory Engineering; w, Winter Course; mu, Music.

Name.	Address.
Allen, James Bird, b.1	Smithfield
Allen, James Jenkins, n.1	Wellsville
Allen, Lauretta Jane, n.1	Hyrum
Allen, Robert, n.1	Coveville
Archibald, Annie May S., o.1	Plymouth
Allen, Lenna, d.2	Cove
Allen, Ella, d.2	Cove
Atkinson, Rose, n.1	Clarkston

Atkinson, Eva n.1	Clarkston
Allen, Spencer Frank, b.2	Hyrum
Allen, Wm. Harrison, n.2	Wellsville
Abbott, Florence Adelia, d.1	Farmington
Allen, Rhoda, d.2	Hyrum
Allen, Priscilla, n.2	Mesa City, Ariz.
Allen, Charles Ephraim, o.2	Cove
Austin, Samuel Mathew, m.a.1	Liberty, Idaho
Allen, Louis L., n.2	Cove
Archibald, Allen Henry, n.2	Wellsville
Allen, Solomon W., o.	Cove
Anderson, Thomas Lester, e.2	Huntsville
Allred, Wm. Lyle, n.3	Fairview, Wyo.
Anderson, Laura, n.1	Lewiston
Allen, Albern Ethan, n.3	Huntsville
Allred, Wallace Anderson, b.1	Lewiston
Anderson, Alfred Bert, b.2	Magrath, Canada
Arbon, Moroni, m.a.1	Snowville
Ashcraft, Mary Elizabeth, b.2	Logan
Anderson, Mary, b.2	Huntsville
Austad, Robert Christian, b.1	Hyrum
Ames, Archie Baxter, b.2	Wellsville
Allen, James Carson, n.3	Cove
Allen, David K., Jr.	Logan
Anderson, Eskil, w.c	Logan

B.

Barnett, Effie May, n.1	Smithfield
Bergener, Rachel Geneva, s.d.1	Logan
Bingham, John Ryon, p.	Trenton
Bingham, Wm. Jr., p.	Logan
Bingham, Iva May, d.1	Trenton
Barber, Marie, d.2	Logan
Bell, May, o.2	Logan
Busch, Emilia, d.2	Logan
Boden, Ethel Bernettie, s.b.2	Dayton, Idaho
Budge, Wm. Arthur, a.2	Paris, Idaho

Benson, Blanche, n.1	Logan
Blair, Harriett, n.1	Logan
Barker, Irvin, p.	Newton
Barrett, Chas. Elmer, fr.	Logan
Burnham, Lelia, s.d.3	Logan
Bishop, Frances, o.	Logan
Beck, Heber, m.a.1	Newton
Budge, Ellen A., d.3	Paris, Idaho
Benson, Anna Eugenia, o.2	Logan
Baker, Edna, n.2	Mendon
Ballantyne, Zachariah, Jr., b.1	Menan, Idaho
Butler, Prue, n.1	Trenton
Baer, Maggie May, fr.	Providence
Bernhisel, Estella Marie, o.	Lewiston
Benson, Afton, d.2	Trenton
Bailey, Lawrence, b.2	Logan
Bradshaw, Luella, n.2	Wellsville
Bowen, Edith Vilate, n.3	Logan
Blatter, William, p.	Emmon, Idaho
Ballard, Mary Myrtle, o.	Logan
Bastow, Mary Lavina, p.	St. Charles, Idaho
Blood, Wilkie H., e.3	Kaysville
Benson, Vella, o.1	Logan
Benson, Ezra T., b.3	Trenton
Bell, Charles Morris Jr., m.	Dempsey, Idaho
Benson, Luella, d.2	Trenton
Barr, Lorenzo Newton, sp.	Logan
Brown, Frank Martin, p.	Liberty, Idaho
Banks, David Albert, b.2	Sterritt, Idaho
Behling, Franz, s.b.3	Rockland, Idaho
Ballif, Serge Fred, p.	Logan
Blood, Minnie A., sp.	Logan
Brown, Bruce, m.a.1	Liberty, Idaho
Buttars, Daniel David, b.3	Clarkston
Buttars, Margaret Sarah, d.1	Clarkston
Blair, Samuel, b.3	Lewiston
Bullen, Asa, e.3	Richmond
Barrie, William, w.c	Idaho Falls, Idaho

Buttcane, Alfred, m.	Blackfoot, Idaho
Burt, Isabella S., w.c.	Wellsville
Banks, Allen, w.c.	Sterritt, Idaho
Butler, Ernest Leroy, w.c.	Trenton
Butler, Marion Wallace, w.c.	Trenton
Baker, Sadie, o.	Mendon
Blair, Junie, w.c	Logan
Bitter, Charles, sr.	Logan

C.

Chambers, Veda Ethel, n.1	Smithfield
Carlson, Hilda Amelia, o.1	Smithfield
Card, Zina Young, o.2	Logan
Clark, Mary Dunn, n.1	Riverside
Clark, Daniel Larson, b.1	Kemmerer, Wyo.
Campbell, Irene, n.2	Providence
Clark, Roland, b.2	Clarkston
Christensen, Evan Willard, m.a.1	Hyde Park
Chadwick, Chas. Fredrick, n.3	Dayton, Idaho
Christensen, Eugenia, s.d.2	Newton
Crookston, Annie, o.	Logan
Clawson, August Julius, n.1	Hyrum
Cole, Winifred, n.1	Logan
Cooper, Annis Reeder, n.2	Wellsville
Collings, Lizzie, sp.	Paris, Idaho
Cooley, Ezra, n.2	Newton
Christiansen, David, s.b.2	Hryum
Cole, Lettie A., n.3	Logan
Cole, Truman Jos., p.	Logan
Christensen, Samuel, b.3	Hyde Park
Call, Laura, d.1	Rigby, Idaho
Cordon, Agnes, d.1	Rigby, Idaho
Call, Sarah, d.1	Rigby, Idaho
Campbell, Josephine S., d.1	Rosette
Campbell, Charlotte L., n.1	Rosette
Cash, Lillian, o.	Logan
Card, Abigail J., o.3	Logan

Cranney, Vera, o.2	Logan
Cutler, Sylvia S., b.2	Franklin, Idaho
Christensen, James Wm., b.3	Newton
Cole, Bessie, o.3	Logan
Catmull, Mary Ann, n.3	King
Cooley, Arthur, n.2	Newton
Crandall, Earl M., s.2	Springville
Coburn, Ivy, n.2	Wellsville
Cook, David S., m.a.2	Garden City
Corbett, Millie, o.	Bancroft, Idaho
Clifford, Nellie, n.1	Millville
Chambers, Parley C., n.2	Smithfield
Christensen, Levi A., n.1	Newton
Cordon, Omer S., m.a.1	Rigby, Idaho
Curtis, Zeeta, d.3	Logan
Chantrill, Wm., b.1	King
Cheney, Claud Leroy, p	Lake Town
Cheney, Blanche L., d.1	Lake Town
Clark, Ernest E., n.2	King
Curtis, G. N., sp.	Logan
Campbell, Hyrum A. Jr., w.c.	Providence
Clark, Eli, o.	Logan

D.

Davis, Clarence S., n.1	Salelavalu, Samoa
Dudley, DeVere S., sc.2	Willard
Drysdale, Lizzie, o.	Logan
Dunn, Oscar Smith, n.3	College
Darley, Sarah G., n.2.	Wellsville
Dahle, Ernest, b.3	Logan
Driscoll, Frank R., sc.	Pocatello, Idaho
Dunn, Charles W. fr.	College
Durfey, Fransillo Jr., s.b.1	Collinston
Dent, Arthur J., o.2	Lewiston
Danielson, Leroy, p.	Logan
Danielson, Verne James, p.	Logan
Dudley, Florence Irene, n.3	Clifton, Idaho
Davis, Gladys, o.	Logan

Dahle, Moses M., b.2	Rigby, Idaho
Daines, Lyman L., fr.	Hyde Park
Daines, Franklin D., jr.	Hyde Park
Davidson, May C., w.c.	Alta, Wyo.
Driscoll, Richard, w.c.	Pocatello, Idaho

E.

Erickson, Esther V., n.2	Logan
England, Wm., sc.2	Logan
Evans, Jean, o.	Oneida, Idaho
Edwards, Annie Laura, p.	Logan
England, Ada Eliza, fr.	Logan
Eliason, Frederick Leon, b.2	Millville
Edwards, Heber, m.a.1	Logan
Evans, Wm. Jr., b.2	Logan
Eccles, Wm. Jr., b.1	Ogden
Ecklund, Elizabeth Bertha, d.1	Newton
Evans, Thomas D., p.	Malad, Idaho
Ecklund, Frank, w.c.	Newton
Ecklund, Fritz, w.c.	Newton
Evans, Elias, w.c.	Logan
Erickson, Ephraim, fr.	Preston, Idaho
Erickson, Alma, fr.	Preston, Idaho

F.

Fjelstrom, Gustave, b.1	Logan
Farr, Ivy, o.2	Logan
Facer, Mary Eliza, s.d.1	Samaria, Idaho
Farr, Atherton, b.1	Logan

G.

Gutke, Linda, n.1	Smithfield
Griffin, Erma Larine, s.b.1	Logan
Griffiths, William H., sc.3	Clarkston
Gunnell, Preston B., n.1	Wellsville
Griffiths, LaVon, n.3	Clarkston
Gibbs, John D., p.	Tilden, Idaho

Gardner, Lillian Elnora, o.	Afton, Wyo
Gregory, Amy Lea, o.2	Cove
Grow, Isaac, fr.	Huntsville
Griffin, Caroline Ida, n.1	Clarkston
Gambling, Wm. Henry, e.2	Sharon, Idaho
Gleason, Naomi Grace, d.1	Garland
Greenhalgh, Mabel, o.	Bloomington, Idaho
Green, Franklin Oscar, p.	Menan. Idaho
Geddes, Joseph A., so.	Preston, Idaho
Gardner, Edwin L., e.2	Afton, Wyo.
Garr, Hazel, d.2	Millville
Gunnell, Charles B., n.1	Wellsville
Gleason, Edward C., p.	Garland
Glenn, Nancy Elizabeth, d.1	La Grande, Ore.
Glenn, George Wm., b.1	La Grande, Ore.
Graham, Lila, n.3	Millville
Gardner, John Wm., sc.3	Pine Valley
Gustaveson, Moses, b.1	Lewiston

H.

Henderson, Alfred, p.	Robin, Idaho
Hendricks, Julia Vilate, o.1	Logan
Harrison, Ross Leo, a.1	Auburn, Wyo.
Hendricks, Hattie May, o.2	Richmond
Hendricks, Jessie Ione, s.b.1	Richmond
Hanks, Florence Clara, o.	Logan
Hansen, Loveda, p.	Smithfield
Hill, Edith Alvira, n.1	Franklin, Idaho
Hart, John Wm., p.	Menan, Idaho
Hill, Bessie S., n.2	Wellsville
Hendricks, Odessie Lapreal, n.2	Lewiston
Hall, Lillian May, mu.1	Logan
Howell, Reese Maughan, sc.1	Logan
Hendricks, Edith Maud, fr.	Richmond
Hind, Joseph, b.3	Smithfield
Hendricks, Emma n.1	Richmond
Howell, Barbara M., n.2	Logan
Hendricks, Joseph Earl, p.	Logan

Hill, John Ensign, b.1	Logan
Hobson, Gertrude, n.2	Logan
Henderson, Louis E. W., o.2	Oneida, Idaho
Henderson, Albert G., n.2	Oneida, Idaho
Hatch, Georgia Vivian, o.2	Logan
Hill, Cynthia, sp.	Franklin, Idaho
Hammer, Ruthven Josiah, n.2	Smithfield
Henderson, Rebecca, sp.	Oneida, Idaho
Hatch, Sumner H., b.2	Logan
Hoskins, Carrie, n.1	Wellsville
Hill, George W., b.2	Franklin, Idaho
Hoskin, William Henry, b.1	Wellsville
Hardman, Cora Nancy, n.1	Mendon
Hyer, Elizabeth Ellen, d.1	Lewiston
Hoopes, George Albert, m.	Weston, Idaho
Hatch, Hyrum Ezra, a.2	Franklin, Idaho
Hall, Warren Elmer, n.3	Garland
Hammond, Ivie Gertrude, fr.	Millville
Haws, Francis Orlin, n.2	Elwood
Hougaard, Margaret May, n.1	Manti
Hougaard, Geraldine, n.1	Manti
Hendricks, Willard, b.1	Lewiston
Hendricks, Parry Pauline, s.d.1	Richmond
Hymas, Ernest David, p.	Liberty, Idaho
Henderson, Lillie F., n.1	Robin, Idaho
Hyer, Orson U., a.2	Lewiston
Hammond, Estus N., b.1	Millville
Hammond, David D., b.3	Providence
Haws, Athalia, sp.	Logan
Humphreys, Walter Evan, n.1	Millville
Hovey, Merlin R., b.3	Millville
Hovey, Angus Ray, b.3	Millville
Humphreys, Lawrence E., b.1	Millville
Hyer, Andrew Wm., a.3	Lewiston
Harris, Frank W., o.2	Cove, Idaho
Hawks, Amos, m.	West Portage
Haws, Neveva, d.1	Logan
Hendricks, John Allen, b.1	Logan

Hendricks, Mary Lalene, d.3	Lewiston
Higgenson, Robert H., p.	Hatch, Idaho
Hatch, Wm. Ammon, m.	Hatch, Idaho
Harding, George, fr.	Willard
Hodges, Lenora, o.	Garden City
Hodges, Susanna, o.2	Garden City
Hansen, Hyrum E., b.1	Logan
Hall, Ernest M., sr.	Logan
Homer, Brigham E., p.	Poplar, Idaho
Hansen, Clara, d.1	Elwood
Humphreys, Chas. Elmer, m.	Millville
Hodges, Samuel, m.	Garden City
Henason, Joseph, w.c.	Parker, Idaho
Huffaker, Shelby, m.	Woodruff
Hatch, Lota, w.c.	Randolph
Hammond, Horton, w.c	Providence
Hill, Jos. J. Jr., so.	Franklin, Idaho

I.

Israelson, John Andrew, b.1	Hyrum

J.

Jensen, Marion Martin, b.1	Geneva
Jensen, Leon, b.1	Bennington, Idaho
Jones, William S., p.	Bingham
Jorgensen, Elmer Hans, b.1	King
Jorgensen, Margaret, o.1	Benson
Jensen, Myrtle Annie, n.2	Geneva
Jones, Carrie M., o.	Wellsville
Jensen, Alice Lorena, n.1	Hyrum
Jorgensen, Stella, d.2	Benson
Jonson, Hilma Christiana, n.1	Logan
Jorgensen, Nellie Dorthea, o.	Benson
Jones, James Bywater, n.2	Malad, Idaho
Johnson, Lauretta, n.1	Millville
Jones, Evan, p.	Malad, Idaho
Johnson, Harriett Eloise, n.1	Mesa City, Ariz.

Johnson, Wilford Oliver, b.3	Logan
Jonsson, Carl W., fr.	Logan
Jensen, Ella, n.1	Newton
Jackson, Inez C., mu.1	Lewiston
Jenson, Clara Marie, s.b.2	Logan
Jones, Thomas, b.2	Malad Idaho
Jensen, Arthur, b.1	Hyrum
Jenson, Joseph fr.	Millville
Jenson, Katie Cecelia, n.1	Millville
Janes, Elizabeth Mary, n.2	Providence
Jensen, May Christina, n.1	Newton
Jones, Edwin Eli, b.1	Malad, Idaho
Johnson, Carl Brigham, n.2	Richmond
Jenkins, Wm. Clayton, fr.	Logan
Jorgensen, Orilla Amy, o.	Hyde Park
Jorgensen, Rhoda Eva, d.1	Hyde Park
Johnson, Andrew Anton, b.3	Richmond
John, Henry Thomas, m.	West Portage
Jenson, Ralph, fr.	Brigham
James, Luella, n.2	Logan
Jackson, Wm. H., b.3	Lewiston
Jensen, Frank, m.	Weston, Idaho
Jarvis, Thomas Wm., m.	Bloomington, Idaho
Jensen, Javan, w.c.	Hyrum
Jorgensen, Leeman A., w.c.	Hdye Park
Jorgensen, Wilford, w.c.	Logan
Jensen, Elmo, w.c.	Hyrum
Jensen, William, w.c.	Geneva

K.

Kent, Maggie, n.2	Lewiston
Kerr, Mary O., sp.	Wellsville
Kemp, Sarah Sabina, d.1	Lewiston
Keller, Varian, b.1	Geneva
Keller, Jesse, b.2	Mantua
Kennedy, Andrew B., fr.	Kilgore, Idaho
Kewley, Ray Mabel, fr.	Logan
Kunzler, Lauline, d.1	Rosette

Karren, Reuben, p.	Lewiston
Knowles, John Albert, m.	Lewiston
Kelsey, Esther, n.2	Price

L.

Lofthouse, Parley W., m.	Paradise
Linford, Amasa R., m.a.1	St. Charles, Idaho
Larsen, Almeda, s.d.2	Cove
Lindsay, Warren LeRroy, n.3	Nounan, Idaho
Lee, Royal Elmer, m.a.1	Hyde Park
Lee, Orville Leonard, b.2	Hyde Park
Leishman, Jean, o.2	Logan
Liljenquist, Katie, n.2	Hyrum
Liljenquist, Warren, b.1	Hyrum
Larsen, William Lewis, m.a.1	Newton
Loveland, David Chauncey, fr.	Salem, Idaho
Lemmon, Adelia, s.n.3	Mendon
Lawson, Joseph P., b.1	Menan, Idaho
Larsen, Louis Wm., fr.	Cove
Law, Nomah Medora, n.1	Avon
Liljenquist, George, b.3	Hyrum
Larsen, Lillian, n.2	Weston, Idaho
Leatham, Mabel, n.2	Wellsville
Low, Sylvester Chas., n.3	Smithfield
Larsen, Wm. Henry, fr.	Logan
Lloyd, Norman, b.3	Logan
Lloyd, Archie, n.1	St. Anthony, Idaho
Lundahl, Olga Amelia, w.c.	Logan
Lundberg, Benjamin, w.c.	Logan

M.

Mecham, Wallace G., n.1	Lee
Mecham, Emeline Ann, d.1	Lee
Murray, David P., b.1	Wellsville
Murdock, Jennie, d.2	Logan
Miles, James O., n.1	Paradise
Maughan, Barbara B., n.1	Wellsville
Munk, Edgar Lewis, b.1	Bennington, Idaho

Maughan, Mabel O., n.1	Wellsville
Mouritsen, Dagmar L., d.2	Logan
Maughan, William Harrison, n.3	Wellsville
Merkley, Nathaniel, o.	St. Charles, Idaho
Maughan, George Harrison, n.3	Preston, Idaho
Moffatt, David K., c.2	Logan
Madsen, Ezra, p.	Bloomington, Idaho
Moses, Wilford, Newton, fr.	Smithfield
Merrill, Lois Eliza, d.2	Trenton
Merrill, Laura Evaline, d.2	Trenton
Martineau, Susan Eliza, n.1	Riverside
McCracken, Earl S., s.b.1	Smithfield
Merrill, Hilda, n.1	Richmond
Merrill, Jeddie, fr.	Bennington, Idaho
Munk, Veda May, d.2	King
Maughan, Eva L., n.2	Wellsville
Mitton, John Henry, b.2	Paradise
Matkin, John Wilkes, n.2	Logan
Morrell, Margarette, d.3	Logan
Merrill, Alma Lowell, a.2	Richmond
Merrill, Wesley H., m.a.1	Richmond
Miles, Ewdin, fr.	Smithfield
Munns, Lettie Jane, d.1	Lehi
Munns, Grace, d.1	Lehi
Mecham, Lyman Joseph, m.a.1	Morgan
Mitchell, John Ellis, m.	Nibley, Ore.
Martineau, Howard, m.	King
Martineau, Charles Freeman, w.c.	Logan
Munk, Lionel L., w.c.	Benson
Munk, Warren, w.c.	Benson
Maughan, Lavinia, o.2	Logan
Martineau, Lee Edward, p.	King
Martineau, Vere Lorain, w.c.	Logan
Merrill, Leon, w.c.	Richmond
Maughan, Julia Annete, sp.	Logan

N.

Neville, Chas. Wm., mu.1	Woodruff

Neilson, Mary, n.2	Cokeville, Wyo.
Neddo, Agnes Elizabeth, n.1	Providence
Neilson, Jennie Helen, n.1	Providence
Neilson, James Alfred, o.3	Morgan
Nelson, Jesse Hans, o.	Ammon, Idaho
Nelson, Mathew Anthon, n.3	Preston, Idaho
Neddo, Hanna Pearl, fr.	Providence
Neilson, John A., fr.	Logan
Nelson, Peter Robert, n.3	Leorin, Idaho
Nish, William Richard, n.2	Clarkston
Neilson, Andrew James, o.1	Hyde Park
Nish, Bertha, n.2	Clarkston
Nibley, Julia, o.	Logan
Nelson, Nels R., w.c.	Benson
Neilsen, Sidney, w.c.	Hyrum

O.

Osterhout, Alice, s.b.1	Malta, Idaho
Olsen, John Harry, n.1	Millville
Ostlund, Jeanette, fr.	Logan
Olson, Neils Orson, m.	Millville

P.

Peterson, Elida Luella, d.1	Smithfield
Peterson, Violet Amelia, n.1	Smithfield
Price, John Henry, e.1	Smithfield
Peterson, Ada, d.1	Logan
Pond, Lewis Austin, o.2	Thatcher, Idaho
Paull, Laura Dean, s.b.2	Logan
Parkinson, Veda, o.1	Logan
Parkinson, Afton, o.	Logan
Preston, Lizzie Louise, o.	Weston, Idaho
Parkinson, Irene, p.	Hyrum
Parkinson, Elva, o.	Hyrum
Peterson, Jos. Wm., sp.	Smithfield
Panting, Fannie, o.	Soda Srings, Idaho
Peterson, Parley E., jr.	Smithfield

Peterson, John O., b.3	Logan
Pond, Hazel, d.2	Lewiston
Parkinson, Nettie S., s.d.3	Logan
Pond, Harriet A., d.3	Lewiston
Peterson, Ella, n.3	Huntsville
Peterson, Agnes, d.2	Hyrum
Porter, Frank B., o.	Logan
Peterson, Margaret, n.2	Hyrum
Peterson, John E., m.	Nibley, Ore.
Peterson, Oliver, w.c	Logan
Peterson, John Henry, w.c.	Hyde Park
Purser, Alma Frank, w.c.	Benson
Peterson, Willard, w.c.	Hyrum
Priday, Pearl V., w.c.	Logan
Porter, Thomas H., sp.	Logan
Payne, Joseph, w.c.	Mt. Vien, Canada

Q.

Quinney, Myrtle, sp.	Logan

R.

Roskelley, Izora, d.1	Smithfield
Richardson, Lovina, n.1	Smithfield
Roskelley, Marriner, e.1	Smithfield
Roskelley, John Henry, m.a.1	Smithfield
Richards, Mary Florence, d.1	Logan
Roueche, Verner, n.1	Millville
Ricks, Zettie, o.1	Logan
Riggs, Lillie May, n.2	Millville
Robinson, Clarence Robert, o.1	Farmington
Rawlins, Clement Lewis, o.2	Lewiston
Richards, Thos. W., b.2	Malad, Idaho
Roueche, Leo. D., fr.	Millville
Rasmussen, Aaron Fred., n.3	Clarkston
Rasmussen, Mary, n.2	Clarkston
Reese, Anna Eliza, n.3	King
Reese, Mary Naoma, n.3	King
Richards, Emer, fr.	Mendon
Roskelley, Chas. O., e.3	Smithfield

Rich, Verba Leola, d.1	St. Charles, Idaho
Rich, Jesse Pomeroy, fr.	Paris, Idaho
Rich, Abel Sargent, fr.	Paris, Idaho
Ricks, Thos. Edmund, m.	Benson
Roundy, William L., m.	Benson
Ricks, Ethel May., fr.	St. Charles, Idaho
Reese, Noah Ether, p.	Dempsey, Idaho
Reese, Chas. David, p.	King
Rogers, Rae, n.2	Preston, Idaho
Roderick, William B., m.	Samaria, Idaho
Remington, William J., w.c.	Parker, Idaho
Roundy, Lauren, w.c.	Ranche

S.

Smith, Wesley E., n.1	Logan
Sorensen, Millie, p.	Neeley, Idaho
Spillman, George, b.1	Logan
Shurtliff, Lorenzo J., b.1	Logan
Smith, Martha W., b.2	Logan
Sonne, Nora, n.2	Logan
Scott, Emma, sc.1	Logan
Smith, Ella Frances, n.3	Logan
Smith, Frank, p.	Menan, Idaho
Skidmore, Rozina M., n.3	Richmond
Stewart, Royal Angus, n.1	Logan
Speirman, Gladys, o.	Logan
Smith, Margaret Jene, o.	Logan
Shumway, Wm., b.2	Clarkston
Scarborough, Esrom F., e.2	Franklin, Idaho
Schow, Elmer, b.1	Geneva
Shurtliff, Arnold R., b.2	Logan
Sorensen, Alma N., n.3	Mendon
Smith, Maryetta, o.	Benson
Stock, Ida Susie, fr.	Kemmerer, Wyo.
Stewart, John H., b.1	Wellsville
Sonne, Alma, jr.	Logan
Schneider, Hyrum, fr.	Logan
Shaw, Paul, n.1	Logan

Shumway, Richard F., n.2	Clarkston
Sorenson, Henry Charles, m.a.1	Mendon
Stoddard, Merrill Y., p.	Logan
Schenk, John Henry, a.1	College
Shurtliff, Joseph H., b.1	Lewisville, Idaho
Sorenson, Nels Louis, b.2	Lago, Idaho
Sorenson, John C., m.	Lago, Idaho
Smith, Ellen W., w.c.	Logan
Schow, Ephraim, w.c.	Mantua
Sorenson, Ammon, w.c.	Mendon
Stewart, Ernest I., sp.	Logan
Sorenson, James C., w.c	Logan
Toolson, Lorenzo Vern, m.a.1	Smithfield
Toolson, Laverna, d.1	Smithfield
Thomas, Albert, b.2	Samaria, Idaho
Thatcher, Louise, d.2	Logan
Thomason, Olga E., n.3	Logan
Terry, Katie E., o.	Logan
Thompson, Nels Oliver, b.3	Richmond
Thain, Inez W., o.	Logan
Tibbetts, George M., e.1	Providence
Thomason, David, w.c.	Logan
Tolman, Abinadi, m.	Honeyville

V.

Van Orden, Edmund Merrill, e.1	Lewiston
Vernon, Fannie M., sp.	Logan

W.

Woodruff, Kate, d.1	Smithfield
Woolley, Franklin B. Jr., sc.2	Logan
Woolley, Ellen, s.d.1	Logan
White, Charles Alfred, o.2	Morgan
Williams, Ruby, n.1	Paradise
Walton, Edwin Albert, b.3	Pocatello, Idaho
Williams, Grace, n.2	St. Anthony, Idaho
Williams, David E., o.	St. Anthony, Idaho

Webster, Elsie, o.1	Franklin, Idaho
Wilcox, Joseph Edwin, c.1	Fielding
Wright, Herschel, n.1	Hyrum
Wright, Wm. D., o.1	Hyrum
Williams, Thomas R., p.	Malad, Idaho
Williams, William H., n.1	St. Anthony, Idaho
Worley, Thos .LeRoy, b.1	Logan
Wood, Jesse, b.1	Fielding
Wyatt, Franklin A., e.1	Wellsville
Worley, Ray, o.2	Logan
Wilson, Esther Lucy, n.1	Hyrum
Weston, Annis Elizabeth, s.d.2	Laketown
White, Leila May, n.3	Logan
Wangsgard, William, m.a.3	Huntsville
Woodland, Daniel B., m.a.1	Oneida, Idaho
Wakely, Willard, m.a.1	Downey, Idaho
Wangsgard, David, fr.	Huntsville
Welch, Joseph P., m.	Paradise
Woodland, Clarence, p.	Downey, Idaho
Watkins, Joseph H. Jr., b.3	Collinston
Williamson, Mary, n.3	Wellsville
Williamson, Cora, E., d.1	St. Charles, Idaho
Whitehead, Wm. James, n.1	Franklin, Idaho
Ware, George Wm., p.	Downey, Idaho
Wiser, John Andrew, m.a.1	Lewiston
Wilson, Ethel R., d.2	Blackfoot, Idaho
Williamson, Effie A., fr.	St. Charles, Idaho
Wright, Wallace H., b.1	Hinckley
Watterson, Moses D., b.1	Logan
Waldron, Jos. R., b.1	Morgan
Woolford, Ambrose, m.	Cardston, Canada
Walters, Thos. P. b.2	Wellsville
Woodruff, Newton Horace, e.1	Smithfield
Williamson, James E., b.1	Wellsville
Wilson, Joseph L., w.c.	Riverside, Idaho
Watson, Frank James, m.	Blackfoot, Idaho
Waldron, Mabel Viola, w.c.	Morgan
Wursten, John. m.	Logan

Watkins, Eddie Wm., w.c.	Collinston
Woodland, Daniel P., fr.	Downey, Idaho
Wilson, Arthur E., w.c.	Riverside, Idaho
Waite, Appie Leo, w.c.	Hyde Park

Y.

Yorgesen, Alonzo Soren, b.1	Shelley, Idaho

SUMMARY OF STUDENTS.

Seniors	2
Juniors	4
Sophomores	1
Freshmen	47
Third Year	62
Second Year	126
First Year	230
Missionary Students	28
Preparatory Students	36
Special Sudents	80
Optional Students	30
Training-School Students	91
Summer School Students	86
Total	823

PROGRAM OF RECITATIONS.

In small classes the time of recitation may be changed to suit the convenience of students.

Subjects—Days.	Sec	Rm	Hour	Instructor.
Apostolic Age, Daily	1	2	11	President Linford.
Apostolic Age, Daily	2	9	11	Professor Wolfe.
Apostolic Age. Daily	3	15	11	Professor D.C. Jensen.
Algebra I, Daily	1	6	1	Instructor Kemp.
Algebra I, Daily	2	8	9	Instructor Peterson.
Algebra I, Daily	3	5	9	Instructor ————.
Algebra I, Daily	4	8	1	Instructor Peterson.
Algebra I, Daily	5	2	1	Professor J.W.Jensen.
Algebra I, Daily	6	2	9	Professor J.W.Jensen.
Agriculture, M.,T.,Th.,F......		1	2	Professor Merrill.
Animal Industry, Daily		1	10	Professor Merrill.
Algebra II. M., T., Th., F. ...		6		Professor Skidmore.
Algebra III		6		Professor Skidmore.
Arithmetic, Prep., Daily		1	9	
Art Needle Work, T.		E7	12—2	Instructor Moen.
Art of Nursing		26		Professor Homer.
American History, Daily ...		11	9	Professor Miller.
Book of Mormon, Daily	1	8	11	Instructor Peterson.
Book of Mormon, Daily	2	6	11	Professor Skidmore.
Book of Mormon, Daily	3	1	11	Professor Merrill.
Book of Mormon, Daily	4	3	11	Instructor Kemp.
Book of Mormon, Daily	5	10	11	Professor Henderson.
Book of Mormon, Daily	6	26	11	Instructor Linford.
Business Corres., T., Th. ...	1	8	10	Professor Bowen.
Business Corres., T., Th. ...	2	2	10	Instructor Hill.
Bible Reading, Prep., Daily..		E4	11	Instructor Card.
Bookkeeping I, M., W., F. ...		E6	2—4	Instructor ————.
Bookkeeping & Bnkg., Daily.		E6	2—4	Professor Bullen.
Botany I, Lab., T., Th.	1	L3	1—3	Professor Henderson.
Botany I, Lab., M. W.	1	L3	1—3	Professor Henderson.
Botany I, M., W., F.	1	10	10	Professor Henderson.
Botany I, M., W., F., ...	2	10	10	Professor Henderson.
Bricklaying, Daily		ma1	2—4	Instructor O. Nelson.
Botany, Elective		L3		President Linford.
Classics, Daily	1	10	9	Professor Henderson.
Classics, Daily	2	1	10	Instructor Kemp.
Classics, Daily	3	10	1	Instructor Hill.
Church Hist. & Doc., Daily..		11	11	Professor Miller.
Church Hist.—Miss., Daily..		1	1	Professor Merrill.
Carpentry I, Daily	1	ma2	1	Instructor Linford.
Carpentry I, Daily	2	ma2	8—10	Instructor Linford.
Carpentry I, Daily	3	ma2	3—5	Instructor Linford.
Carpentry II, Daily		ma2		Instructor Linford.
Carpentry III, Daily		ma2		Instructor Linford.
Carpentry IV, Daily		ma2		Instructor Linford.
Com'l Law, M., W., Th.		E6	9	Professor Bullen.
Com. & Trans., T., W., F. ...		E6	12	Professor Bullen.
Cooking I, M., W., F.	1	26	10	Professor Homer.
Cooking I, M., W., F.	2	26	10	Professor Homer.
Cooking I, M., W., F.	3	26	10	Professor Homer.
Cooking I, Lab., M., W.	1	E2	9—11	Professor Homer.
Cooking I, Lab., M., W.	2	E2	2—4	Instructor Nibley.
Cooking I, Lab., M., W., ...	3	E3	2—4	Instructor Morrell.
Cooking II, Lect., M., W., ...		26	1	Professor Homer.
Cooking II, Lab., T., Th. ...		E2	9—11	Professor Homer.
Civil Government, Daily		11	9	Professor Miller.

Subjects—Days.	Sec	Rm	Hour	Instructor.
Chemistry I, M., W., F.		L1	8	Instructor Kemp.
Chemistry I, Lab., T., Th. ..		L1	2—4	Instructor Kemp.
Chemistry II		L1		Instructor Kemp.
Cutting and Fitting, M.,W.,F.	1	E7	12—2	Instructor Moen.
Cutting and Fitting, M.,W.,F.	2	E8	2—4	Instructor Hendricks.
Cutting and Fitting, M.,W.,F.	3	E8	8—10	Instructor Hendricks.
Dressmak'g, Lab.,M.,T.,Th.,F.	1	E7	2—4	Instructor Moen.
Dressmak'g, Lab.,M.,T.,Th.,F.	2	E7	9—11	Instructor Moen.
Dietetics, M., W.		26	1	Professor Homer.
Dietetics, T., Th.		E2	9—11	Professor Homer.
Elocution I, T., Th.	1	12	2	Instructor Hill.
Elocution I, M., W.	2	12	2	Instructor Hill.
Entomology		10		Professor Henderson.
English Literature, Daily...	1	12	11	Professor Vernon.
English Literature, M.,T.,Th.	2	12	1	Professor Vernon.
English, Prep., Daily		9	1	
English, Elective		12		Professor Vernon.
English History, T., Th.....		11	1	Professor Miller.
European History, M., W., F.		11	10	Professor Miller.
French I, M., T., Th., F......		3	2	Professor Glardon.
French II, M.,T.,Th.,F.		3	1	Professor Glardon.
French III		3		Professor Glardon.
Fruit Wrk., M., W., ...		26	1	Professor Homer.
Fruit Wrk., Lab., T., Th. ...		E2	9—11	Professor Homer.
Free Hand Drawing, Daily..	1	7	3	Professor Wright.
Free Hand Drawing, Daily .	2	7	1	Professor Wright.
Free Hand Drawing, Daily..	3	7	2	Professor Wright.
Farm Buildings		1		Professor Merrill.
Forging, Daily	1	ma1	1—3	Instructor Johansen.
Forging, Daily	2	ma1	3—5	Instructor Johansen.
Forging, Daily	3	ma	9—11	Instructor Johansen.
Grammar, Daily	4	4	9	Professor Hendricks.
Grammar, Daily	5	4	10	Professor Hendricks.
Grammar, Daily	6	4	1	Professor Hendricks.
German I, M.,T.,Th.,F.		3	3	Professor Glardon.
German II, M.,T.,Th.,F.		3	10	Professor Glardon.
German III		3		Professor Glardon.
Geometry, Plane, M., W.,F..	1	6	9	Professor Skidmore.
Geometry, Plane, M., W., F..	2	6	10	Professor Skidmore.
Geometry, Solid, M.,T.,Th.,F.		6	2	Professor Skidmore.
Geology I, M., W., F.		9		Professor Wolfe.
Geography, Prep., M. W.,F...		4	2	
Household Economics, T.,Th.		26	3	Professor Homer.
Horticulture, Daily		1	10	Professor Merrill.
History of Greece, M.,W.,F..		11	4	Professor Miller.
History of Rome, M.,W.,F...		11	4	Professor Miller.
History—Elective		11		Professor Miller.
Hygiene		26		Professor Homer.
Irrigation and Drainage		1		Professor Merrill.
Life of Christ, Daily	1	2	11	President Linford.
Life of Christ, Daily	2	9	11	Professor Wolfe.
Life of Christ, Daily	3	15	11	Professor Jensen.
Latin I, M., T., Th., F.......		5	8	Professor Bowen.
Latin II, M., T., Th., F......		9	2	Professor Wolfe.
Latin III				
Mechanical Drawing, F. ...		L2	3—5	Professor J.W.Jensen.
Mechanical Drawing, M.,W.		L2	3—5	Professor J.W.Jensen.
Mathematics, Elective		6		Professor Skidmore.
Nature Study, M.,W.,F.		9	8	Professor Wolfe.
Old Testament, M.,T.,Th. ...	1	11	1	Professor Miller.
Old Testament, Daily	2	4	11	Professor Hendricks.

Subjects—Days.	Sec	Rm	Hour	Instructor.
Pedagogy, M.,T.,W.,F.		15	9	Professor Jensen.
Physiography, M., W., F., ...	1	8	10	Instructor Peterson.
Physiography, M.,W.,F.	2	15	2	Professor Jensen.
Physiography, M., W., F. ...	3	8	2	Instructor Peterson.
Physiography, M.,W.,F., ...	4	9	10	Professor Wolfe.
Penmanship, Daily	1	E4		Instructor H.J.Nelson.
Penmanship, Daily	2	E4		Instructor H.J.Nelson.
Penmanship, Prep., T., Th...		10	10	
Plain Sewing	1		12—2	Instructor Moen.
Plain Sewing	2		3—5	Instructor Hendricks.
Plain Sewing	3		8—10	Instructor Hendricks.
Psychology I, Daily		15	10	Professor D.C.Jensen.
Psychology II		15		Professor D.C.Jensen.
Political Economy, M., W., F.		4	3	Professor Hendricks.
Prin. of the Gospel,Miss. Dly.		5	10	
Physiology I, T.	1	9	8	Professor Wolfe.
Physiology I, Th.	2	9	8	Professor Wolfe.
Physiology I—Lab., Th.	1	L3	9—11	Professor Wolfe.
Physiology I—Lab., T.	2	L3	9—11	Professor Wolfe.
Physics I, M., W., F.........		8	8	Instructor Peterson.
Physics I, Lab. T.		L2	3—5	Instructor Peterson.
Physics I, Lab., Th.		L2	3—5	Instructor Peterson.
Plant Breeding		1		Professor Merrill.
Physics—Elective		8		Instructor Peterson.
Physical Culture I	1	17		Instructor Hill.
Physical Culture I	2	17		Instructor Hill.
Physical Culture I	3	17		Instructor Hill.
Proof-reading & Journalism.		12		Professor Vernon.
Rhetoric I, Daily	1	5	3	Professor Bowen.
Rhetoric I, Daily	2	5	12	Professor Bowen.
Rhetoric I, Daily	3	5	1	Professor Bowen.
Rhetoric, Advanced, T., Th...		12	10	Professor Vernon.
Scripture Reading Miss.,Dly.		5	11	Instructor Mann.
Sanitation		26		Professor Homer.
Science of Nutrition		26		Professor Homer.
Stenography I, Daily		E4	1	Instructor H.J.Nelson.
Stenography II		E4		Instructor H.J.Nelson.
Shakespeare		12		Professor Vernon.
Theology—Elective		11		Professor Miller.
Theory of Teaching, Daily ..		15	10	Professor D.C.Jensen.
Typewriting*................	1	E4	9	Instructor H.J.Nelson.
Typewriting*................	2	E4	10	Instructor H.J.Nelson.
Typewriting*	3	E4	1	Instructor H.J.Nelson.
Typewriting*	4	E4	2	Instructor H.J.Nelson.
Telegraphy		E4		Instructor H.J.Nelson.
Trigonometry, M., W., F. ...		6	3	Professor Skidmore.
Training, Normal, Daily		TrB	1	Professor D.C.Jensen.
Vocal Music, T., W.	1	25	3	Instructor Mann.
Vocal Music, M., W.	2	25	3	Instructor Mann.
Vocal Music II		25		Instructor Mann.
Vocal Music—Miss., T.,Th...		25	1	Instructor Mann.
Zoology, M.,W.,F.		10	10	Professor Henderson.
Zoology, M.,W.,F.		10	8	Professor Henderson.
Zoology—Lab., M., W., ...		L3	1—3	Professor Henderson.
Zoology—Lab. T., Th.		L3	1—3	Professor Henderson.
Zoology—Elective		L3		Professor Henderson.

* Laboratory fee, 75 cents a term.

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